NIFT 2024 MFM Question Paper with Solutions

Time Allowed :3 Hours	**Maximum Marks :**150	**Total Questions :**150

Communication Ability and English Comprehension

1. Choose the appropriate idiom to fill in the blank:

On arrival of the police the agitators ran _____.

(A) kith and kin

(B) helter skelter

(C) loaves and fish

(D) rank and file

Correct Answer: (2) helter skelter

Solution: The phrase "helter skelter" refers to a disorganized or chaotic state, which fits the situation described in the sentence where the agitators ran in a panic upon the arrival of the police. This idiom conveys the image of confusion and disorder, which is the appropriate response in this context.

The other options are not suitable in this context:

- "kith and kin" refers to one's family and relatives, which doesn't fit the sentence.

- "loaves and fish" refers to abundance or miracles, not suitable here.

- "rank and file" refers to ordinary members of an organization, which doesn't apply to how the agitators reacted.

> **Quick Tip**
>
> When choosing the correct idiom, consider the context and meaning of the phrase. In cases of confusion or chaos, idioms like "helter skelter" are appropriate.

2. Correct the given sentence:

He had rather starved than beg.

(A) He had rather to starve than beg.

(B) He had rather starve than beg.

(C) He has rather starved than begged.

(D) He had rather starved than begged.

Correct Answer: (4) He had rather starved than begged.

Solution: The sentence "He had rather starved than beg" is incorrect because after the word "rather," the verb that follows should be in the base form (not in the past tense). The correct structure should use the past perfect tense "had rather" followed by the base form of the verb. The correct option is therefore "He had rather starved than begged."

The other options are incorrect for the following reasons:

- "He had rather to starve than beg" is incorrect because "rather" is not followed by "to."

- "He had rather starve than beg" doesn't convey the intended comparison in the past perfect tense.

- "He has rather starved than begged" uses "has" instead of "had," which is grammatically incorrect here.

> **Quick Tip**
>
> When using "had rather," ensure that it is followed by the base form of the verb and the correct tense is used to maintain proper structure in the sentence.

---

3. Correct the given sentence:

Either the teacher or the students have left his classroom unlocked.

(a) Either the teacher or the students has left his classroom unlocked.

(b) Either the teacher or the students have left his classroom unlocked.

(c) Either the teacher or the students have left their classroom unlocked.

(d) Either the teacher or the students has left their classroom unlocked.

Correct Answer: (c) Either the teacher or the students have left their classroom unlocked.

Solution:

Step 1: Subject-Verb Agreement in "Either... or..."

In constructions with "either... or..." the verb agrees with the subject closest to it. Since "students" is plural, the verb should be "have" to maintain agreement.

Step 2: Correct Pronoun Usage

The pronoun "his" is incorrect because it does not match "students," which is plural. The correct pronoun is "their" to reflect agreement with the plural noun.

Step 3: Evaluating the Options

(a) Incorrect: Uses "has," which does not agree with "students."

(b) Incorrect: Uses "his," which does not agree with "students."

(c) Correct: Uses "have" (matching "students") and "their" (matching "students").

(d) Incorrect: Uses "has," which does not agree with "students."

Final Answer:

The correct sentence is:

"Either the teacher or the students have left their classroom unlocked."

> **Quick Tip**
>
> In "either... or..." constructions, make sure the verb agrees with the closest subject, and use the correct pronoun to match the antecedent in number and gender.

---

4. Choose the word with nearly the same meaning as the given word:

INTERVENTION

(A) interception

(B) interruption

(C) mediation

(D) meddling

Correct Answer: (3) mediation

Solution: The word "intervention" refers to the action of intervening, often with the intent to resolve a conflict or come to a decision. "Mediation" is the closest in meaning as it involves intervention in a dispute in order to resolve it or bring about a settlement.

The other options are incorrect for the following reasons:

- "Interception" refers to the act of intercepting, such as catching or seizing something on its way from one place to another, which is different from intervention.

- "Interruption" refers to the act of stopping the continuous progress of an activity or process, not necessarily involving resolution.

- "Meddling" implies interfering in something that is not one's concern, often in a way that is annoying or damaging, which differs from the constructive or resolving intent of intervention.

> **Quick Tip**
>
> When matching synonyms, focus on the context in which the words are often used to ensure the chosen word reflects a similar intent or outcome as the original.

---

5. Choose the word with nearly the same meaning as the given word:

INSOLVENT

(A) flourishing

(B) bankrupt

(C) soluble

(D) opprobrious

Correct Answer: (2) bankrupt

Solution: "Insolvent" refers to the inability to pay debts owed, which aligns directly with the definition of "bankrupt." A bankrupt person or entity is one that has been legally declared unable to pay outstanding debts.

The other options are incorrect for the following reasons:

- "Flourishing" means to grow or develop in a healthy or vigorous way, which is the opposite of insolvent.

- "Soluble" pertains to the ability of a substance to dissolve, typically in a liquid, and is unrelated to financial solvency.

- "Opprobrious" relates to expressing scorn or criticism, which does not align with the financial context of being insolvent.

6. Choose the word with nearly the same meaning as the given word:

LAUNCH

(A) review

(B) begin

(C) propel

(D) force

Correct Answer: (2) begin

Solution: The term "launch" generally refers to the act of starting or initiating something, such as a project or a product. Thus, the word "begin" is the closest in meaning, as it also conveys the start of an action or process.

The other options are incorrect for the following reasons:

- "Review" implies examining something already in existence, which does not correspond to the initiating context of "launch."

- "Propel" suggests pushing or driving an object forward, which, while related to the action following a launch, does not directly convey the act of initiating.

- "Force" implies applying power or coercion, which differs from the voluntary initiation denoted by "launch."

7. Give one word for the underlined expression:

She works in an office with no work, but high pay.

(A) honorary

(B) sinecure

(C) ex-officio

(D) reticent

Correct Answer: (2) sinecure

Solution: The term "sinecure" refers to a position requiring little or no work but giving the holder status or financial benefit. This perfectly matches the description of an office with no work but high pay.

The other options are incorrect for the following reasons: - "Honorary" implies a position given as an honor, without the expectation of being paid.

- "Ex-officio" relates to the duties carried out by someone by virtue of their office or position, not related to the absence of work.

- "Reticent" means not revealing one's thoughts or feelings readily, which is unrelated to the concept described.

Quick Tip

Sinecures are often historical or traditional roles that have evolved to provide remuneration without the corresponding responsibility or workload.

---

9. Give one word for the given expression:

Constant effort to achieve something.

(A) patience

(B) vigour

(C) hardship

(D) perseverance

Correct Answer: (4) perseverance

Solution: The term "perseverance" specifically describes the quality of continuing to try to achieve something despite difficulties, which perfectly aligns with the definition of making a constant effort to achieve something.

The other options are incorrect for the following reasons:

- "Patience" refers to the capacity to accept or tolerate delay, problems, or suffering without becoming annoyed or anxious, which does not imply active effort.

- "Vigour" suggests physical strength, energy, or intensity in action, which does not necessarily relate to continuous effort towards a goal.

- "Hardship" implies severe suffering or privation, which is a condition one might endure, rather than the effort itself.

> ### Quick Tip
> Perseverance is often the key word when describing sustained efforts to overcome challenges or pursue long-term goals, particularly in contexts requiring determination.

---

10. Fill in the blanks:

The _____ of glory lead but to the _____.

(A) ways, frustration

(B) paths, grave

(C) acts, pride

(D) achievements, suffering

Correct Answer: (2) paths, grave

Solution: The phrase "The paths of glory lead but to the grave" is a famous line from Thomas Gray's poem "Elegy Written in a Country Churchyard." It metaphorically suggests that the pursuit of glory ultimately leads to death, emphasizing the inevitability and universality of mortality.

The other options are incorrect for the following reasons:

- "ways, frustration" and "acts, pride" do not form a common or recognizable phrase within English literature or colloquial use.

- "achievements, suffering" although poetic, does not match the well-known literary reference of Gray's line.

11. Fill in the blank:

Last Monday _____ a bad day for me as I _____ the whole of it in hospital bed.

(A) was, had spend

(B) had been, was spending

(C) was, spent

(D) were, spent

Correct Answer: (3) was, spent

Solution: The correct grammatical structure for this sentence requires the simple past tense for both verbs due to the reference to a specific day in the past ("Last Monday"). The verb "was" correctly aligns with the singular subject "Monday," and "spent" is the correct past tense form of "spend."

The other options are incorrect for the following reasons:

- "was, had spend" is incorrect because "had spend" is not grammatically valid; it should be "had spent" if past perfect were needed, which it is not in this context.

- "had been, was spending" might suggest an ongoing condition or action, but is overly complex and unnecessary for the simple past action described.

- "were, spent" is incorrect because "were" does not agree with the singular subject "Monday."

12. Fill in the blank:

Had Savita worked hard, she _____ have passed the examination.

(A) will

(B) would

(C) shall

(D) should

Correct Answer: (2) would

Solution: The sentence is structured as a third conditional, expressing a hypothetical situation in the past. The correct modal verb to use in this type of conditional sentence is "would," which indicates what would have happened under different circumstances.

The other options are incorrect for the following reasons:

- "will" is used for future intentions or predictions, not suitable for hypothetical past conditions.

- "shall" is used for strong assertions or promises, primarily in a first-person future context, not for past hypotheticals.

- "should" suggests a recommendation or obligation, not a hypothetical outcome.

> **Quick Tip**
>
> Remember, the third conditional structure typically uses "had" + past participle in the if-clause, and "would have" + past participle in the main clause to discuss hypothetical situations that did not happen in the past.

13. Fill in the blank:

_____ you, please, stop making noise?

(A) must

(B) need

(C) shall

(D) will

Correct Answer: (4) will

Solution: In the context of this sentence, "will" is the appropriate modal verb to use as a polite request. It expresses a polite inquiry or request regarding the willingness of the person

to stop making noise.

The other options are incorrect for the following reasons:

- "must" is used to express obligation or necessity, which is too strong and not typically used in polite requests.

- "need" is not conventionally used in this question form to make polite requests.

- "shall" is typically used in formal rules or regulations, or to offer suggestions and not commonly used in the structure of a direct request.

> **Quick Tip**
>
> Using "will" in questions like this is a standard way to make polite requests or inquiries about someone's willingness to do something.

---

14. Fill in the blank:

Bhoomi _____ stamps since childhood.

(A) was collecting

(B) has been collecting

(C) were collecting

(D) have had been collecting

Correct Answer: (2) has been collecting

Solution: The correct choice is "has been collecting," which uses the present perfect continuous tense. This tense is used to describe an action that began in the past and continues into the present, especially when emphasizing the duration of the activity ("since childhood").

The other options are incorrect for the following reasons:

- "was collecting" is simple past continuous, used for actions ongoing at a specific time in the past, but not continuing to the present.

- "were collecting" is plural past continuous and does not agree with the singular subject "Bhoomi."

- "have had been collecting" is grammatically incorrect and not a recognized verb tense in English.

15. Fill in the blank:

Half of the apples _____ ripe.

(A) is

(B) are

(C) has

(D) have

Correct Answer: (2) are

Solution: The correct choice is "are," which is used here because "half of the apples" refers to a plural subject, indicating a portion of a group of apples. The verb must agree with the plural noun "apples."

The other options are incorrect for the following reasons:

- "is" would only be correct if the subject were singular, but "half of the apples" implies a plural subject.

- "has" and "have" are auxiliary verbs that would require an additional main verb to complete the phrase, which is not provided here. They also do not agree in number or tense with the required form of the verb for this sentence.

16. Choose the word opposite in meaning to the given word:

PUNGENCY

(A) VAPIDITY

(B) JAM

(C) CRUSE

(D) PSORA

Correct Answer: (1) VAPIDITY

Solution: "Pungency" refers to a strong, sharp taste or smell. The opposite of this would be "vapidity," which means offering nothing that is stimulating or challenging; typically bland or dull.

The other options are incorrect as opposites for the following reasons:

- "JAM" generally refers to a type of condiment or a traffic condition, neither of which pertains to the lack of strong flavor or smell.

- "CRUSE," an old word for a small container for liquids, has no relevance to taste or smell.

- "PSORA" is a medical term related to skin conditions, unrelated to taste or smell.

Quick Tip

Understanding the exact definitions of words helps significantly in identifying correct antonyms, especially when dealing with abstract qualities such as tastes or smells.

---

17. Choose the word opposite in meaning to the given word:

'DECIMATE'

(A) SCULL

(B) WALLOW

(C) CONNUBIAL

(D) UNITY

Correct Answer: (4) UNITY

Solution: "Decimate" originally means to destroy a large portion of, often about ten percent, but has come to mean destroy or damage a significant part. The opposite of causing significant destruction would be to create or maintain wholeness or unity. Therefore, "UNITY" is the correct opposite, suggesting harmony and intactness.

The other options are incorrect as opposites for the following reasons:

- "SCULL" refers to a type of small boat or oar, and has no direct antithetical meaning to destruction.

- "WALLOW" means to indulge oneself in a morose or self-pitying way, which does not suggest construction or unity.

- "CONNUBIAL" pertains to marriage or the married state and does not directly contrast with destruction.

> **Quick Tip**
>
> In selecting antonyms, it's crucial to consider the fundamental aspect of the word's meaning—whether it's about forming, maintaining, or dissolving entities or relationships.

---

18. Choose the word opposite in meaning to the given word:

'PARSIMONY'

(A) LARGESS

(B) GERMINAL

(C) JOCULAR

(D) LIBRETTO

Correct Answer: (1) LARGESS

Solution: "Parsimony" refers to extreme unwillingness to spend money or use resources; it is synonymous with stinginess. The opposite of this would be "largess," which means generous bestowal of gifts, or the act of giving generously.

The other options are incorrect as opposites for the following reasons:

- "GERMINAL" pertains to something in its early stages of development or something that is productive and generative, which does not directly contrast with stinginess.

- "JOCULAR" relates to humor or playfulness, which is unrelated to the concept of generosity versus stinginess.

- "LIBRETTO" refers to the text of an opera or other long vocal work, which has no connection to financial or resource-based generosity.

---

19. Choose the word similar in meaning to the given word:

'VARIEGATION'

(A) DIVERSITY

(B) DENSITY

(C) ATOMISE

(D) INSIPID

Correct Answer: (1) DIVERSITY

Solution: "Variegation" refers to the appearance of differently colored zones in plants, but can more broadly mean variety or diversification. "Diversity" is the closest synonym as it denotes a range of different things, which is similar to variegation in terms of exhibiting or involving variety.

The other options are incorrect for the following reasons:

- "DENSITY" relates to compactness or the number of individuals per unit area, which doesn't connect to variety in terms of differences or variations.

- "ATOMISE" means to break up into very small particles or to divide into many small parts, not directly related to the concept of varied appearances or diversity.

- "INSIPID" describes something lacking flavor or interest, the opposite of what variegation implies in terms of visual or conceptual diversity.

---

20. Choose the word similar in meaning to the given word:

'TAWDRY'

(A) GIMCRACK

(B) LACERATE

(C) SWAY

(D) LEVY

Correct Answer: (1) GIMCRACK

Solution: "Tawdry" refers to something that is cheap, showy, and of poor quality.

"Gimcrack" similarly denotes an object that is showy but cheap and poorly made. Both terms imply a sense of flashy superficiality combined with inferior quality.

The other options are incorrect for the following reasons:

- "LACERATE" means to tear or make deep cuts, which is entirely unrelated to the quality or appearance of objects.

- "SWAY" means to move or influence in a particular direction, not related to physical quality or appearance.

- "LEVY" refers to imposing a tax, fee, or fine, which has no connection to describing the quality or style of objects.

Quick Tip

When finding synonyms, especially for descriptive terms, focus on the adjectives that highlight similar qualities or characteristics in objects, particularly those relating to appearance and quality.

---

21. Choose the word similar in meaning to the given word:

'MOGUL'

(A) MONACHISM

(B) BIGWIG

(C) SMART

(D) FASHION

Correct Answer: (2) BIGWIG

Solution: "Mogul" refers to a powerful or influential person, especially in the media or

entertainment industries. "Bigwig" is a colloquial term that similarly refers to a person with great influence or authority, often in a particular sphere.

The other options are incorrect for the following reasons:

- "MONACHISM" relates to monastic life or monks, which has no connection to influence or power in a secular or business context.

- "SMART" refers to exhibiting intelligence or cleverness, which does not necessarily imply having power or influence.

- "FASHION" pertains to popular trends, especially in clothing and accessories, and does not relate to a person of influence.

> **Quick Tip**
>
> When choosing synonyms for terms describing societal roles or statuses, it's important to consider the context in which these roles are exercised, especially when they pertain to power or influence.

---

22. Spot the error in the given sentence:

My friend is so rich that he is having six houses in Mumbai and four in Pune.

(A) A

(B) B

(C) C

(D) D

Correct Answer: (2) B

Solution: The error in the sentence is in part (B) with the use of "is having." In English, the verb "have" when used to describe possession, should not be in the continuous form. The correct phrasing would be "he has," not "he is having." The use of "is having" generally applies to actions occurring at the moment, such as consuming food (e.g., "He is having lunch").

The other parts of the sentence are correct as follows:

- Part (A): "My friend is so rich that" is a correct lead-in to explain the extent of his wealth.

- Part (C): "six houses in Mumbai and four in Pune" correctly uses numbers and locations.

- Part (D): There is no error in the punctuation or structure in the final segment of the sentence.

> **Quick Tip**
>
> Remember, in English, the verbs that describe states of being, possession, or senses are typically not used in the progressive (continuous) form.

---

23. Spot the error in the given sentence:

(A) One of the most (B) widely spread (C) bad habit (D) is the use of tobacco.

(a) A

(b) B

(c) C

(d) D

Correct Answer: (c) C

Solution:

Step 1: Identifying the Error

The phrase "One of the most" refers to a singular item from a group of plural items. The noun following "one of the" should always be plural.

Step 2: Analyzing the Sentence

- (A) "One of the most" is correct because it properly introduces a comparison.

- (B) "widely spread" is correct and correctly modifies "habit."

- (C) "bad habit" is incorrect. It should be "bad habits" to match the correct grammar structure.

- (D) "is the use of tobacco" is correct and follows proper subject-verb agreement.

Step 3: Choosing the Correct Answer

The error is in (C), where "bad habit" should be "bad habits."

Final Answer: The correct sentence should be:

"One of the most widely spread bad habits is the use of tobacco."

24. Spot the error in the given sentence:

(A)No method of making other (B)people agree to (C)your view point is as (D)effective as this method.

(A) A

(B) B

(C) C

(D) D

Correct Answer: (1) A

Solution: The error in the sentence is in part (A) where "view point" is mentioned. The correct term should be "viewpoint" as a single word, not two separate words.

The other parts of the sentence are correct as follows:

- Part (B): "of making other people agree to your viewpoint" is grammatically correct and appropriately worded.

- Part (C): "is as effective as this method" correctly completes the comparative structure initiated by "No method...is as effective as."

- Part (D): There is no additional text or punctuation issue.

25. Choose the appropriate idiom to fill in the blank:

He invited _____ in the marriage party of his younger brother.

(A) all in all

(B) alpha and omega

(C) all and sundry

(D) beck and call

Correct Answer: (3) all and sundry

Solution: The idiom "all and sundry" means everyone, typically used to suggest that a large, inclusive group of people is involved. This phrase fits perfectly in the context of the sentence, indicating that he invited everyone to the marriage party.

The other options are incorrect for the following reasons:

- "All in all" is generally used to summarize or conclude a discussion, not to indicate inclusivity of a group.

- "Alpha and omega" means the beginning and the end, which does not relate to the idea of inviting people.

- "Beck and call" means to be at someone's complete command, which is irrelevant to inviting people to a function.

> **Quick Tip**
>
> The idiom "all and sundry" is useful for indicating the inclusion of everyone without exceptions, which is often appropriate in social contexts such as invitations.

---

26. Choose the most appropriate option from the following:

'To check by Jowl'

(A) to be very near to each other

(B) to aspire for impossible thing

(C) to make minor changes

(D) to be kept waiting

Correct Answer: (1) to be very near to each other

Solution: The correct phrase and meaning here should be "cheek by jowl," which is a commonly used idiom meaning to be very close together or positioned very closely to one another. It likely has been misprinted or misunderstood as "check by Jowl" in the question.

The other options are incorrect for the following reasons:

- "to aspire for impossible thing" does not relate to proximity or closeness, which the correct idiom implies.

- "to make minor changes" and "to be kept waiting" also do not connect to the meaning of being physically or metaphorically close to someone or something.

> **Quick Tip**
>
> When encountering unfamiliar phrases, consider similar sounding or common idioms that might have been mistaken or misheard, especially in colloquial speech or informal writing.

---

27. Choose the most appropriate option for the following idiomatic expression:

The problem of corruption has been hanging fire for the last ten years.

(A) to remain unsolved

(B) to make all possible efforts

(C) to create hindrance

(D) to have no strength and support

Correct Answer: (1) to remain unsolved

Solution: The idiom "hanging fire" means to delay in progression or resolution, remaining unresolved or incomplete. Thus, "to remain unsolved" is the most appropriate option for describing a situation where a problem, like corruption, has not been resolved over a period of time.

The other options are incorrect for the following reasons:

- "to make all possible efforts" does not match the meaning of the idiom, which implies delay or postponement.

- "to create hindrance" and "to have no strength and support" are not directly related to the specific delay or prolonged resolution implied by "hanging fire."

---

28. Choose the correct spelling:

(A) MOMENTOUS

(B) MOMENTEOUS

(C) MOMENTIOUS

(D) MOMENTIEOUS

Correct Answer: (1) MOMENTOUS

Solution: The correct spelling of the word is "momentous," which means of great importance or significance. The other options are misspellings and do not represent any recognized English words.

---

29. Choose the correct spelling:

(A) BEATIFICATION

(B) BEAUTIFICATION

(C) BEAUTIFASCION

(D) BEATIFICASCION

Correct Answer: (2) BEAUTIFICATION

Solution: The correct spelling is "beautification," which refers to the process of making something visually more beautiful or attractive. The term is derived from the word "beauty."

30. Choose the correct spelling:

(A) TOMPOOLARY

(B) TOMFOOLARY

(C) TOMFOOLERY

(D) TOMPOOLERY

Correct Answer: (3) TOMFOOLERY

Solution: The correct spelling is "tomfoolery," which refers to foolish or silly behavior. The term is derived from the phrase "Tom Fool," historically used to describe a foolish person.

Read the given passage and answer the questions (From Q.31 to Q.38):

What is a Plan?

A plan spells out how the resources of a nation should be put to use. It should have some general goals as well as specific objectives which are to be achieved within a specified period of time; in India plans were of five years duration and were called five year plans (we borrowed this from the former Soviet Union, the pioneer in national planning). Our plan documents up to the year 2017 not only specify the objectives to be attained in the five years of a plan but also what is to be achieved over a period of twenty years. This long-term plan is called 'perspective plan'. The five year plans were supposed to provide the basis for the perspective plan.

It will be unrealistic to expect all the goals of a plan to be given equal importance in all the

plans. In fact the goals may actually be in conflict. For example, the goal of introducing modern technology may be in conflict with the goal of increasing employment if the technology reduces the need for labour. The planners have to balance the goals, a very difficult job indeed. We find different goals being emphasised in different plans in India. India's five year plans did not spell out how much of each good and service is to be produced. This is neither possible nor necessary (the former Soviet Union tried to do this and failed). It is enough if the plan is specific about some sectors where it plays a commanding role, for instance power, generation and irrigation, while leaving the rest to the market.

31. What is the duration of a plan?

(A) 5 years

(B) a period

(C) 20 years

(D) upto 2017

Correct Answer: (1) 5 years

Solution: According to the passage, the plans in India were of five years duration and were called five year plans. This indicates that the duration of each plan cycle was typically five years.

Quick Tip

When reading passages with specific details about durations or timelines, it's useful to note the exact terms used, such as "five year plans," which directly answer questions about durations or cycles.

---

32. What is the purpose of a plan?

(A) to figure out the resources of a nation

(B) to figure out general goals and objectives

(C) to put to use the resources with specific objectives only

(D) to put to use the resources keeping in mind goals and objectives to be achieved within a stipulated amount of time

Correct Answer: (4) to put to use the resources keeping in mind goals and objectives to be

achieved within a stipulated amount of time

Solution: The passage outlines that a plan's purpose is to use a nation's resources with both general and specific objectives in mind, to be achieved within a specified timeframe. Option (D) encapsulates this description accurately by mentioning the utilization of resources according to predetermined goals and objectives within a set period.

> **Quick Tip**
>
> When considering the purpose of a plan as described in literature or documentation, it's crucial to recognize the emphasis on effective resource utilization paired with time-bound objectives.

---

34. Which of the following statements is true?

(A) All plans are given equal importance in India.

(B) The goals of a plan is to always smooth out any friction.

(C) The planners plan the goals and manage the goals effectively.

(D) Different goals are being emphasised in different plans in India.

Correct Answer: (4) Different goals are being emphasised in different plans in India.

Solution: The passage specifically mentions that it is unrealistic to expect all goals of a plan to be given equal importance and that different goals may actually be in conflict. This indicates that different goals are indeed emphasised in different plans in India, making option (D) the correct answer.

> **Quick Tip**
>
> When analyzing text for comprehension questions, focus on statements that directly reference the text to find support for the correct answer.

---

35. Which of the following statements is false?

(A) The basis for the perspective plan is five year plans.

(B) Soviet Union spelled out the amount and extend of goods and services successfully.

(C) The goals of a plan is to give equal importance to all the plans.

(D) The goals of introducing modern technology may produce conflict with the employment plan.

Correct Answer: (3) The goals of a plan is to give equal importance to all the plans.

Solution: The passage explicitly states that it is unrealistic to expect all goals of a plan to be given equal importance and highlights that different goals may actually be in conflict. This indicates that statement (C) is false as it directly contradicts the information given in the passage.

> **Quick Tip**
>
> When assessing statements for truthfulness, cross-reference each statement with the passage to ensure accuracy based on the provided text.

---

36. Find from the passage the word similar in meaning to: 'up-to-date'

(A) planning

(B) modern

(C) technology

(D) goals

Correct Answer: (2) modern

Solution: The passage discusses the introduction of modern technology, contrasting it with the goal of increasing employment. The term "modern" in this context aligns with the meaning of "up-to-date," which typically refers to something current or contemporary. Therefore, "modern" is the best fit as it directly relates to being current and new, much like "up-to-date."

> **Quick Tip**
>
> The term "up-to-date" generally refers to the latest or most recent advancements, similar to how "modern" is used to describe contemporary or current technologies or methodologies.

37. What is the objective of the given passage?

(A) To encourage a five year plan better.

(B) To put into perspective the long-term plan.

(C) To justify the failure of plan.

(D) To introduce the basics of national planning.

Correct Answer: (4) To introduce the basics of national planning.

Solution: The passage provides an overview of how national plans are structured and utilized in India, discussing both five-year plans and the long-term 'perspective plan.' The focus is on explaining how these plans function and their objectives, making "to introduce the basics of national planning" the most appropriate objective of the passage.

> **Quick Tip**
>
> When identifying the objective of a text, consider what information is being explained or clarified throughout the passage, and which option best summarizes this focus.

38. Identify the odd one out:

(A) National objectives

(B) Modern technology

(C) Commanding role

(D) Perspective plan

Correct Answer: (A) National objectives

Solution: Among the given options, National objectives is the odd one out.
- Modern technology, commanding role, and perspective plan are terms that relate to strategic and technological development in planning. - National objectives, on the other hand, refer to broad goals set by a country that may include social, economic, and political targets, making it conceptually different from the other three.
Thus, National objectives is the odd one out.

Read the given passage and answer the questions (From Q.39 to Q.44):

Historians do not see time just as a passing of hours, days or years - as a clock or a calendar. Time also reflects changes in social and economic organization, in the persistence and transformation of ideas and beliefs. The study of time is made somewhat easier by dividing the past into large segments - periods - that possess shared characteristics.

In the middle of the nineteenth century, British historians divided the history of India into three periods: "Hindu", "Muslim" and "British". This division was based on the idea that the religion of rulers was the only important historical change, and that there were no other significant developments — in the economy, society, or culture. Such a division also ignored the rich diversity of the subcontinent.

Few historians follow this periodisation today. Most look to economic and social factors to characterize the major elements of different moments of the past.

---

39. Historians see time as

(A) a clock or a calendar.

(B) transformation of ideas and beliefs.

(C) large segments

(D) periods that possess shared characteristics.

Correct Answer: (4) periods that possess shared characteristics.

Solution: The passage states that historians view time not just as a clock or a calendar but also consider it as a reflection of changes in social and economic organization, encapsulated in large segments or periods with shared characteristics. Therefore, the correct answer is option (D), as it aligns with how historians perceive time through periods that share defining traits.

40. British historians divided the history of India into -

(A) periods based on social and economic organisation.

(B) periods based on religion of people.

(C) periods based on important historical changes.

(D) periods based on religion of rulers.

Correct Answer: (4) periods based on religion of rulers.

Solution: According to the passage, British historians divided the history of India into three periods named "Hindu", "Muslim", and "British". This division was primarily based on the religion of the rulers during those periods, not on the religion of the people or other social and economic factors. Therefore, option (D) accurately reflects this focus on the religion of rulers as the basis for historical periodization.

41. Choose the correct statement - The division made by the British historians

(A) was based on shared characteristics of people.

(B) reflected changes in social and economic organisation.

(C) was based on significant developments

(D) ignored the rich diversity of the subcontinent.

Correct Answer: (4) ignored the rich diversity of the subcontinent.

Solution: The passage explicitly mentions that the British historians' division of Indian

history into "Hindu", "Muslim", and "British" periods based solely on the religion of rulers ignored other significant developments in the economy, society, or culture. This approach also overlooked the rich diversity of the subcontinent, making option (D) the correct statement.

> **Quick Tip**
>
> When evaluating historical analyses, it's crucial to consider what aspects of history might have been overlooked or simplified due to the biases or perspectives of the historians.

---

42. Most historians today divide the history of India on the basis of -

(A) social and religious factors taken together.

(B) economic and social factors taken together.

(C) 'Hindu', 'Muslim' and 'British' rulers.

(D) large segments of time.

Correct Answer: (2) economic and social factors taken together.

Solution: The passage notes that few historians follow the old method of dividing Indian history based on the religion of rulers, which was predominant in the past. Instead, contemporary historians tend to look at economic and social factors to characterize the major elements of different moments of the past, making option (B) the most accurate reflection of current historical analysis practices.

> **Quick Tip**
>
> It's important to recognize shifts in historiographical methods over time, as they often reflect broader changes in societal values and academic understanding.

---

43. The meaning of the word 'persistence' as per the context is -

(A) credulity

(B) disapprobation

(C) continuity

(D) disappearance

Correct Answer: (3) continuity

Solution: In the context of the passage, 'persistence' refers to the enduring nature of ideas and beliefs through time. This meaning aligns with the concept of 'continuity', which denotes the unbroken and consistent existence or operation of something over a period of time. Thus, 'continuity' is the correct interpretation of 'persistence' in this context.

Quick Tip

When interpreting words like 'persistence', consider how they are used in relation to other concepts in the text, such as changes or transformations, to understand their nuanced meanings.

---

44. The British historians carried out the division of history of India -

(A) around 1750 AD.

(B) around 1850 AD.

(C) around 1950 AD.

(D) around 1900 AD.

Correct Answer: (2) around 1850 AD.

Solution: The passage indicates that in the middle of the nineteenth century, British historians divided the history of India into three periods: "Hindu", "Muslim" and "British". Considering that the mid-nineteenth century refers to around the 1850s, option (B) is the most accurate.

Quick Tip

When dealing with historical dates, it's important to consider the context provided by the source material. The mid-nineteenth century typically refers to the 1850s, which helps in precisely dating such events.

Read the given passage and answer the questions (From Q.45 to Q.50):

Recently I spent several hours sitting under a tree in my garden with the social anthropologist William Ury, a Harvard University professor who specialises in the art of negotiation and wrote the best selling book, *Getting to Yes*. He captivated me with his theory that tribalism protects people from their fear of rapid change. He explained that the pillars of tribalism that humans rely on for security would always counter any significant cultural or social change. In this way, he said, change is never allowed to happen too fast. Technology, for example, is a pillar of society. Ury believes that every time technology moves in a new or radical direction another pillar such as religion or nationalism will grow stronger in effect, the traditional and familiar will assume greater importance to compensate for the new and untested. In this manner, human tribes avoid rapid change that leaves people insecure and frightened.

But we have all heard that nothing is as permanent as change. Nothing is guaranteed. Pithy expressions, to be sure, but no more than cliches. As Ury says, "people don't live that way from day-to-day. On the contrary, they actively seek certainty and stability. They want to know they will be safe."

Even so we scare ourselves constantly with the idea of change. An IBM CEO once said "We only restructure for a good reason, and if we haven't restructured in a while, that's a good reason. We are scared that competitors technology, and the consumer's will runs out of business unless we have to change all the time just to stay alive. But if we asked our fathers and grandfathers, would they have said that they lived in a period of little change? Structure may not have changed much. It may just be the speed with which we do things."

---

45. Which of the following views does the author fully support in the passage?

(A) Nothing is permanent as change.

(B) Change is always rapid.

(C) More money spent on innovation leads to more rapid change.

(D) Over decades structural changes have been incremental.

Correct Answer: (1) Nothing is permanent as change.

Solution: The passage strongly supports the view that "nothing is as permanent as change." This idea is expressed directly in the text, emphasizing that change is a constant, even if not always rapid or drastic. The author mentions that while people may fear change, it is an

inevitable and ongoing part of life, highlighting the permanence of change over time.

---

46. Any significant cultural or social change -

(A) depends upon technological advancement.

(B) tends to move in the direction of permanence.

(C) is countered by the pillars of tribalism.

(D) is carried out for a good reason.

Correct Answer: (3) is countered by the pillars of tribalism.

Solution: The passage clearly supports the idea that any significant cultural or social change is often resisted or countered by the pillars of tribalism. William Ury, discussed in the passage, explains that tribalism serves to protect people from the fears associated with rapid change, thereby countering significant cultural or social changes.

---

47. According to the IBM CEO -

(A) change is scary.

(B) the competitors will force us to change.

(C) our fathers and grandfathers lived in a period of little change.

(D) we have not changed the structure speedily.

Correct Answer: (3) our fathers and grandfathers lived in a period of little change.

Solution: The passage includes a reflection from an IBM CEO stating, "We only restructure for a good reason, and if we haven't restructured in a while, that's a good reason." It also mentions asking fathers and grandfathers if they lived in a period of little change, suggesting that the perception may be of little change, even though changes continue to occur. This aligns with option (C), which emphasizes the perception that older generations experienced less change compared to the rapid changes observed today.

> **Quick Tip**
>
> It's insightful to consider how perceptions of change can vary significantly between generations, often influenced by the technological and social dynamics of their respective times.

---

48. Anthropology is the study of

(A) art of negotiation.

(B) human origins, customs and beliefs.

(C) human congregations in a given time period.

(D) art of growing a garden.

Correct Answer: (2) human origins, customs and beliefs.

Solution: Anthropology is a field of study focused on human societies, their developments, and the various aspects that define cultural and social identities, including origins, customs, and beliefs. This aligns directly with option (B), making it the accurate description of anthropology. Options (A), (C), and (D) do not represent the primary focus of anthropological studies.

> **Quick Tip**
>
> Anthropology encompasses a wide range of human aspects, emphasizing the importance of understanding past and present human behaviors and cultural practices.

---

49. According to Prof. William Ury -

(A) change happens too fast.

(B) the traditional and familiar will assume greater importance.

(C) technology is a pillar of society.

(D) tribalism protects people from their fear of rapid change.

Correct Answer: (4) tribalism protects people from their fear of rapid change.

Solution: The passage discusses William Ury's views on how tribalism serves as a defense mechanism against the fear of rapid change. According to Ury, tribalism's role is to provide a sense of security and continuity, thus countering significant cultural or social changes that might otherwise cause insecurity and fear among people.

> **Quick Tip**
>
> Understanding the psychological and social functions of traditional structures like tribalism can offer insights into why societies resist or adapt to change.

50. The meaning of the word 'pithy' is -

(A) expressed in a clear, direct way.

(B) a phrase or idea that has been used many times.

(C) an important idea.

(D) ambiguous and unclear idea.

Correct Answer: (1) expressed in a clear, direct way.

Solution: The word 'pithy' refers to language or speech that is concise and forcefully expressive. It typically means something expressed in a clear, direct, and often witty manner, rather than an idea that has been used many times or is ambiguous. Thus, option (A) best captures the essence of being 'pithy'.

> **Quick Tip**
>
> Pithy statements are valued for their ability to convey significant meanings or truths in a few well-chosen words, often using wit or sharpness.

Case Study

Read the given passage and answer the questions (From Q.51 to Q.55):

In what will be its second attempt at going public, One MobiKwik Systems – the parent company of fintech firm MobiKwik – on Friday filed a fresh draft red herring prospectus with Sebi to raise Rs. 700 crore through a fresh issue of shares. The size of the proposed IPO is over 50% lower than the previous issue which was planned at Rs. 1,900 crore. The IPO does not have an offer for sale component. In 2021, MobiKwik had attempted to get listed on the bourses but stalled its IPO plans on the back of choppy markets and a dismal market debut by bigger peer Paytm. The company said that it may undertake a pre-IPO placement worth up to Rs 140 crore. MobiKwik will use the IPO proceeds to fund growth of its financial services and payment services businesses and make investments in data and technology tools like AI & ML. In an interview with co-founder and CEO Bipin Preet Singh, he had said that the company's digital credit GMV (gross merchandise value) has seen a multi-fold growth over the past few years.

---

51. The amount of money MobiKwik plans to raise through issue of shares is -

(A) Rs. 700 crores

(B) Rs. 1900 crores

(C) Rs. 140 crores

(D) 50% lower than 2021

Correct Answer: (1) Rs. 700 crores

Solution: According to the passage, One MobiKwik Systems filed a fresh draft red herring prospectus with Sebi to raise Rs. 700 crore through a fresh issue of shares. This directly corresponds with option (A), confirming that the planned amount for the current IPO is Rs. 700 crores.

> **Quick Tip**
>
> When analyzing IPO announcements, it's essential to distinguish between the amount to be raised through the public offering and any other financial arrangements or historical figures presented.

52. MobiKwik stalled its first IPO plans because of

(A) uncertain markets

(B) violent markets

(C) dull markets

(D) jerky markets

Correct Answer: (1) uncertain markets

Solution: The passage specifies that MobiKwik stalled its IPO plans on the back of choppy markets. The term "choppy markets" can be best interpreted as "uncertain markets," which captures the volatility and unpredictability that led to the stalling of the IPO. This matches option (A), making it the correct choice.

> **Quick Tip**
>
> In financial contexts, "choppy" often describes markets that are characterized by rapid short-term fluctuations, indicative of uncertainty and instability.

53. The money collected through IPO will be used by MobiKwik -

(A) to sustain the company.

(B) to raise its funds ahead of Paytm.

(C) to fund its growth in the market and invest in data and technology tools.

(D) to fund the growth of its financial services businesses and invest in data and technology tools.

Correct Answer: (4) to fund the growth of its financial services businesses and invest in data and technology tools.

Solution: The passage states that MobiKwik will use the IPO proceeds to fund growth of its financial services and payment services businesses and make investments in data and technology tools like AI & ML. This corresponds directly with option (D), which specifically mentions the utilization of funds for the expansion of financial services and investments in technology.

54. Give one word for the following phrase - 'goods that are bought or sold'

(A) prospectus

(B) issue

(C) bourses

(D) merchandise

Correct Answer: (4) merchandise

Solution: The correct term for goods that are bought or sold is "merchandise." This word directly refers to products or goods that are traded or sold in various markets, making option (D) the appropriate choice for the given phrase.

55. Choose the correct synonym for the word 'dismal'

(A) promising

(B) thundering

(C) depressing

(D) considerable

Correct Answer: (3) depressing

Solution: The word 'dismal' commonly refers to something that is dreary, causing a mood of gloom or depression. Thus, the synonym that best matches 'dismal' is 'depressing', corresponding to option (C).

Read the given passage and answer the questions (From Q.56 to Q.60):

Allied Blenders & Distillers (ABD), the largest domestic liquor company, is set to file for a Rs 2,000-crore IPO later this month at a valuation of nearly Rs 20,000 crore, or $2.5 billion. The company has appointed ICICI Securities, Axis Capital, Kotak Mahindra Capital and JM Financial to manage the public offer.

The IPO will be a combination of a fresh fund-raising by the company and an offer for sale by some of its promoters, in a 50:50 ratio, sources said. It will use Rs 1,000 crore to retire part of its debt and some amount to expand its business, including launch of new brands, they added.

ABD, the makers of popular brands like Officer's Choice and Sterling Reserve, had been planning for some years to go public. ABD is the biggest homegrown alcohol company in India and third largest overall, behind global players Diageo and Pernod Ricard, according to merchant bankers.

A text message sent to Kishore Chhabria, chairman and the main promoter of ABD, did not elicit any reply till the time of going to press. Once listed, ABD will be the first listing of a brewery & distillery in more than a decade. According to BSE data, Globus Spirits was the last such company to go public in 2009.

56. ABD is filing its IPO for Rs. 2,000 crore -

(A) to expand its business

(B) to retire part of its debt

(C) to payoff its debt and expand its business

(D) to foray into premium segment and compete with global players.

Correct Answer: (3) to payoff its debt and expand its business

Solution: The passage indicates that the IPO will be a combination of a fresh fund-raising and an offer for sale by some promoters, with the proceeds used partly to retire debt and

partly to expand the business, including launching new brands. Therefore, option (C) most accurately reflects the purposes outlined for the IPO, covering both retiring part of the debt and expanding the business.

> **Quick Tip**
>
> In IPO contexts, it's crucial to understand the specific use of raised funds as it provides insights into the company's strategic financial planning and future growth areas.

---

57. Deduce from the passage-Officer's choice is _____ as compared to Sterling Reserve.

(A) Costlier

(B) Cheaper

(C) Dearer

(D) Equally priced

Correct Answer: (2) Cheaper

Solution: The passage mentions that ABD forayed into the premium segment with Sterling Reserve in 2017, implying that Sterling Reserve is positioned as a premium product. Given that Officer's Choice has been described as the flagship brand and not specifically mentioned within the premium context like Sterling Reserve, it can be deduced that Officer's Choice is likely cheaper compared to Sterling Reserve, which is targeted at a higher-end market segment.

> **Quick Tip**
>
> When assessing product pricing strategies, understanding the market positioning—such as 'premium'—can provide key insights into relative pricing among a company's different brands.

---

58. The earliest company to file its IPO according to the passage is -

(A) Allied Blenders & Distillers

(B) Diageo

(C) Pernod Ricard

(D) Globus Spirits

Correct Answer: (4) Globus Spirits

Solution: The passage mentions that Globus Spirits was the last such company to go public in 2009, prior to the planned IPO of ABD. This indicates that among the options listed, Globus Spirits filed its IPO earliest relative to the context provided in the passage.

> **Quick Tip**
>
> Historical IPO dates for companies within the same sector can provide valuable benchmarks for analyzing industry trends and investment cycles.

---

59. Give one word for the following group of words - 'The most important product, service, building, etc. that an organisation owns or produces':

(A) domestic

(B) valuation

(C) brand

(D) flagship

Correct Answer: (4) flagship

Solution: The term "flagship" is commonly used to refer to the most important product, service, or entity within a company's portfolio that represents its brand and market presence. This term is the perfect match for describing a principal product or service that symbolizes the organization's leading offerings in the market.

> **Quick Tip**
>
> The term "flagship" often indicates the primary or most notable product, especially in contexts where companies have multiple offerings but are predominantly known for one.

---

60. Choose the most appropriate word to fill in the blank:

I had to pay extra amount for a _____ car number.

(A) domestic

(B) public

(C) popular

(D) premium

Correct Answer: (4) premium

Solution: The term "premium" is typically used to describe something that requires an additional cost due to its superior quality, desirability, or exclusivity. In the context of paying extra for a car number, "premium" is the most suitable word, implying that the car number is special or sought-after enough to warrant additional charges.

> **Quick Tip**
>
> "Premium" can often relate to services or goods that are considered above standard, which often require an extra cost reflecting their higher perceived value.

Read the given passage and answer the questions (From Q.61 to Q.65):

German luxury carmaker Audi has staged a strong comeback in the Indian market, registering sales of 7,931 units in 2023. The company's volumes had plunged to 1,639 units in 2020. For Audi, which suffered a major reversal after exiting the diesel segment in 2020 and moving to only a petrol & electric power train strategy, the growth in 2023 was 89% over the 4,187 units it had sold in 2022. The surge came even as its close rivals and compatriots Mercedes Benz and BMW have strong diesel line-ups in their portfolios.

For Audi, the numbers have been on an upswing recently, though its overall sales are still some distance away from the peak of 11,192 units it had achieved in 2011. Balbir Singh Dhillon, head of Audi in India, told that the company has been rapidly expanding its offerings in India as it opts for more locally assembled cars to keep the retail pricing and ownership costs under check. "Our decision to move out of diesels was also absolutely correct as the contribution of the fuel has been coming down with petrol now being the dominant powertrain on our rivals. Currently, our diesel segment share is around 65%," he said, adding that "Audi now leads in the ecosystem segment" over its rivals.

Audi is part of the German giant Volkswagen's ecosystem that also sells brands such as

Skoda, VW, Lamborghini, and is likely to see record numbers this year. Dhillon also said demand for luxury cars remains strong, and is likely to see record numbers this year.

---

61. The difference in the Audi sales in the years 2023 and 2020 is -

(A) approximately 5500 units

(B) less than 6000 units

(C) more than 6000 units

(D) 89% over 2022

Correct Answer: (C) more than 6000 units

Solution: From the passage, Audi's sales in 2020 were 1,639 units and in 2023 were 7,931 units. The difference in sales between these two years is calculated as follows:

$$7,931 - 1,639 = 6,292 \, \text{units}$$

Thus, the difference is more than 6000 units.

> **Quick Tip**
>
> When calculating differences or changes between numerical data across years, always subtract the earlier year's figure from the later year's figure to find the net change.

---

62. The total number of differences in the given sentence, from the passage are -

(A) 3

(B) 4

(C) 5

(D) 6

Correct Answer: (B) 4

Solution: Analyzing the provided sentence: "The surge came even when their close rivals and compatriots Mercedes-Benz and BMW have strong petrol line-ups in their portfolio." Comparing with the context in the passage, key differences are: - The mention of "compatriots" which is not specified in the passage. - Emphasis on "strong petrol line-ups," whereas the passage discusses general strategies. - The timing and causality indicated by "even when" could be interpreted differently. - The specific mention of "portfolio" is a

detailed addition not covered directly in the passage.

---

63. Audi achieved the highest sale in India in -

(A) 2011

(B) 2020

(C) 2022

(D) 2023

Correct Answer: (A) 2011

Solution: According to the passage, Audi's sales numbers were highest in the year 2011, reaching 11,192 units, marking the peak of their sales performance in India up to the present context of 2023.

---

65. The parent company of 'Audi' is -

(A) Mercedes-Benz

(B) BMW

(C) Volkswagen

(D) Audi India

Correct Answer: (C) Volkswagen

Solution: According to the passage, Audi is part of the Volkswagen group's ecosystem, which includes other brands such as Skoda, VW, Lamborghini, and Porsche.

Read the given passage and answer the questions (From Q.66 to Q.70):

Passage:

Adani Group stocks rallied up to 18% on Wednesday ahead of the Supreme Court's judgment in the Adani-SBI case. The SC didn't order any investigation by other agencies or bodies like CBI in the case and declined to interfere in Sebi's investigation.

At close of the day's session, all 10 Adani Group stocks were in the green with Adani Energy Solutions (formerly Adani Transmission) leading the pack with a 12% gain. Group flagship Adani Enterprises closed 2.5% higher on the BSE.

The group's total market cap also crossed the Rs 15 lakh-crore mark in Wednesday's session. During the day's trade, the group companies added nearly Rs 64,000 crore to the conglomerate's total market value to Rs 15.1 lakh crore. From its all-time high total market cap of Rs 19.2 lakh crore on January 24, 2023 the day US-based short seller Hindenburg had published its damning report against the group it is still down by Rs 4.1 lakh crore or about 21% BSE data showed.

Nearly a year after Hindenburg had published a report that alleged serious corporate malfeasance by Adani Group including cooking books of accounts, rounding off of customs duty, jack up in stock prices using offshore entities and invoicing of import costs. Adani Group denied the allegations but by February 27, the group's market cap had dropped by about 65% to Rs 6.8 lakh crore. Since then, it has been on a steady upward trajectory, at times helped by SC orders that came in its favour and other regulatory moves.

Among the group's stocks, Adani Power is the biggest gainer since the Hindenburg report last year. The stock has nearly doubled, with the company's market cap now at Rs 2.1 Lakh crore from Rs 1.1 lakh crore then. The biggest laggard has been Adani Total Gas, which has lost 72% of its market value from Rs 4.3 lakh crore on January 24, 2023, it is at Rs 1.2 lakh crore. Other top laggards are Adani Transmission, down from Rs 3.9 lakh crore to Rs 1.3

lakh crore, and Adani Enterprises, down from Rs 3.1 lakh crore to Rs 1.4 lakh crore.

---

66. Choose the word that means the same as 'a person who is a citizen of the same country as somebody else'.

(A) rival

(B) compatriot

(C) local

(D) giant

Correct Answer: (B) compatriot

Solution: The term "compatriot" refers to someone who is from the same country as someone else, reflecting a shared nationality.

> **Quick Tip**
>
> Understanding terms related to nationality and citizenship can enhance comprehension of context in discussions about social and political dynamics.

---

66. Choose the incorrect statement:

(A) The Supreme Court declined to interfere in Sebi's investigation.

(B) At the close of the day's session, not all of the 10 Adani group stocks were in the green.

(C) The group's total market cap also crossed the Rs. 15-lakh-crore mark in Wednesday's session.

(D) Among the group's stocks, Adani Power is the biggest gainer.

Correct Answer: (B) At the close of the day's session, not all of the 10 Adani group stocks were in the green.

Solution:

Step 1: Identifying the incorrect statement by analyzing the passage content. According to the passage, all 10 Adani Group stocks were in the green at the close of the day's session, which contradicts option (B).

---

67. Adani group has had the all time high of:

(A) 15.1 lakh-crore

(B) 19.2 lakh-crore

(C) 43 lakh-crore

(D) 68 lakh-crore

Correct Answer: (B) 19.2 lakh-crore

Solution:

Step 1: Identifying the all-time high market cap from the passage.

The passage indicates that the all-time high total market cap of Adani Group was Rs 19.2 lakh crore on January 24, 2023.

> **Quick Tip**
>
> Always verify the figures given in the options with the data provided in the passage to avoid errors, especially with financial figures which can be similar.

---

68. Hindenburg report alleged that Adani Group:

(A) interfered in Sebi's investigation before Supreme Court's judgement.

(B) Crossed the Rs. 15 lakh-crore mark in Wednesday's session.

(C) had cooked account-books and round tripped own funds to jack down stock prices.

(D) had indulged in serious corporate malfeasance.

Correct Answer: (D) had indulged in serious corporate malfeasance.

Solution:

Step 1: Understanding the allegations by Hindenburg.

The Hindenburg report specifically accused Adani Group of serious corporate malfeasance, including cooking books of accounts and round-tripping of funds, intended to manipulate

stock prices.

---

69. Choose one word for the given group of words - the curved path of something that has been fired, hit or thrown into the air:

(A) rallied

(B) transmission

(C) flagship

(D) trajectory

Correct Answer: (D) trajectory

Solution:

Step 1: Define the term.

The term "trajectory" specifically refers to the path that an object follows as it moves through space, particularly when it is launched, shot, or otherwise propelled.

> **Quick Tip**
>
> In physics, understanding trajectories helps predict where any object launched into the air will land, based on its initial velocity and the forces acting upon it, such as gravity and air resistance.

---

70. The word closest in meaning to 'malfeasance' is:

(A) malintentions

(B) malpractice

(C) manifestation

(D) deficiency

Correct Answer: (B) malpractice

Solution:

Step 1: Understanding 'malfeasance'.

The term 'malfeasance' refers to the performance of an act in an official capacity that is illegal or wrongful, particularly one that is deliberately harmful.

> **Quick Tip**
>
> When dealing with synonyms, focus on the connotations and the context in which words are typically used. 'Malpractice' aligns closely because it denotes professional misconduct or failure to meet standard practices.

Reading Comprehension

Read the given passage and answer the questions (From Q.71 to Q.75):

The healthcare sector continued to be a hub of private equity deal activity in India, registering 22 deals valued at \$4.6 billion. This is slightly lower than the \$4.7 billion achieved in 2022. The country's growing middle class is catalyzing a significant surge in healthcare expenditure, prompted by the upswing in disposable incomes and a proliferation of insurance platforms, alongside the presence of private payers, says Bain & Company's annual Global Healthcare Private Equity and M&A report. India has seen a long-term rise in biopharma-related activity (for example, in generics and active pharmaceutical ingredient manufacturing), albeit with a slowdown year over year, while also witnessing growth in domestic demand driven by an expanding middle class and government insurance programs. These macroeconomic dynamics, coupled with a number of successful exits by early investors in India such as TPG's sale of a controlling stake in Care Hospitals to Blackstone, have propelled private equity sponsors to regard India as a place to deploy healthcare capital at scale, it adds. Globally too, the sector held its own in a tepid market with deals totaling around \$60 billion, despite higher global interest rates, inflationary pressures, and broader geopolitical uncertainty. Internationally, the deal value included six deals of over \$2 billion, contributing 48% of global deal value. In 2024, investors will continue to bet on the transformative nature of generative AI, new modalities, and innovative therapies such as glucagon-like peptide-1 agonists (GLP-1s), and India as a place to deploy healthcare capital at scale, the report says. Investors seeking to manage geopolitical risk began to broaden their

horizons, with India representing the largest share of announced deal value and continuing to see a long-term rise in biopharmaceutical sector. The domestic pharmaceutical sector, buoyed by government policies and skilled talent, holds a top three global position in small molecule and generic manufacturing, satisfying 50% of global vaccine needs. Private equity investors, including Advent International, Carlyle, and PAG, capitalized on this growth, expanding in pharma services like CDMOs and APIs. India has historically served as the back end for many US- and EU-based healthcare data and analytics companies. Recent years, however, witnessed a surge in direct-to-consumer digital health companies especially in fitness, wellness, telemedicine, and insurtech. Investments in Asia-Pacific are evolving, and India's favorable macro tailwinds have made it a leading destination for capital. India has traditionally seen investments in biopharma and providers, and it is still too soon to know whether green shoots in other areas can achieve comparable prominence, the report said.

Q.71 The expanding middle class of India:

(A) has caused a noticeable increase in government insurance programmes.

(B) has caused a noticeable increase in healthcare expenditure.

(C) has caused a proliferation of insurtech platforms.

(D) has caused private equity sponsors to regard India as a place to deploy healthcare capital at scale.

Correct Answer: (B) has caused a noticeable increase in healthcare expenditure.

Solution: Analysis: The passage mentions that the growing middle class in India is catalyzing a significant surge in healthcare expenditure, which is directly linked to increased disposable incomes and a proliferation of insurance platforms, along with private payers. This aligns with option (B) which states a noticeable increase in healthcare expenditure.

> **Quick Tip**
>
> Understanding the socioeconomic factors like the expanding middle class helps in comprehending how they influence sector-specific growth, especially in healthcare.

Q.72 The sector that showed an upswing globally in 2023 was:

(A) Generative AI.

(B) Biopharma.

(C) Data and analytics.

(D) Fitness and wellness.

Correct Answer: (B) Biopharma

Solution: Analysis: The passage indicates a continued rise in biopharma-related activity globally, particularly emphasizing its strong position despite broader market pressures. This is consistent with option (B) stating that the Biopharma sector experienced an upswing.

> **Quick Tip**
>
> Monitoring industry-specific trends provides valuable insights into which sectors are gaining traction or facing challenges globally.

Q.73 The Indian pharmaceutical sector saw an upswing in 2023 because of:

(A) because of the country's growing middle class.

(B) because of a number of successful exits by early investors in India.

(C) because of India representing the largest share of announced deal value and continuing to see a long-term rise in biopharma related activity.

(D) because of favourable government policies and skilled talent.

Correct Answer: (D) because of favourable government policies and skilled talent.

Solution:

Analysis: The passage highlights that the domestic pharmaceutical sector's strength is primarily attributed to government policies and skilled talent, supporting a significant position in small molecule and generic manufacturing.

> **Quick Tip**
>
> Understanding the drivers behind sector growth can guide investment and policy decisions effectively.

Q.75 Choose the most appropriate word for the given group of words -

'The state of being important, well known or easy to notice':

(A) hub

(B) significant

(C) dynamic

(D) prominence

Correct Answer: (D) prominence

Solution:

Analysis: The term 'prominence' specifically refers to the state of being important, noticeable, or well known, which closely aligns with the description provided.

> **Quick Tip**
>
> 'Prominence' often describes a conspicuous position or importance within a particular context.

Read the given passage and answer the questions (From Q.75 to Q.76):

Walter Isaacson, biographer of tech visionaries like Steve Jobs and Elon Musk, has also told the story of the many-splendoured Leonardo da Vinci, whose accomplishments span from his capacity to marvel at the world. Leonardo made the two most famous paintings in history - Mona Lisa and The Last Supper - but thought of himself as much a scientist and engineer. Driven by curiosity to understand the subtle powers of observation, he pierced the skin of cadavers and equipped with acute powers of observation and an eye of the artist; he studied the muscles, nerves and moved the Renaissance practices of dissection. He became the supreme imitator of shade and experience.

Everything flowed into everything else, as he looked for patterns and analogies between the human body and the world. His notebooks reveal his 'matchlessly weird' mind with its to-do lists, math challenges, drawings of his toys, birds, theatre props, flying machines, riddles, poetic tapes, weapons, grotesque heads and fables. He would find patterns in curls of his hair, eddies of water and whirls of air.

Being born out of wedlock freed him from following in his father's footsteps as a notary.

Illegitimate, gay left-handed, vegetarian: and yet, Leonardo was right at home in 15th century Florence, which welcomed misfits and rebels. A cradle of art and commerce under the Medicis, it was the perfect setting for Leonardo's artistic experiments. He apprenticed at a workshop, learning sculptor's artistry and the politics of the marketplace. He perfected props such as motion, the folds of drapery the harmonies of geometry He pioneered sfumato (from the word for smoke) - a way of blurring edges to render objects as they appear to the eye.

Leonardo also worked in theatre pageants, on sets and dazzling props to change scenery. His aerial screw - regarded as a prototype helicopter - came from this experience.

He was impelled by scientific humanism, unbothered by religious dogma. His famous Vitruvian man shows his search for the 'universal measure of man', seeing human bodies as microcosms of the universe.

And yet, the book shows how he was no genius touched by lightning, but a fanciful mortal who enjoyed conception more than completion.

He had monstrous creations that remained unfinished, impractical fantasies, flying machines that never flew, military strategies, attempts to square the circle, to divert rivers.

His patrons included the ruthless Ludovico Sforza and Cesare Borgia, he was friends with Niccolo Machiavelli. In Milan, he clashed with the younger star Michelangelo, whose clearcut anatomy renderings he declared wooden and human. Leonardo eluded to paint a rich merchant's wife, labouring on the beguiled, but never delivering it to the silk merchant. That painting was the elusive Mona Lisa.

Does Leonardo's life hold out lessons for aspiring creatives? The book suggests some tips: Be relentlessly curious, pursue knowledge for its own sake, observe, start with the details, go down rabbit holes, but allow yourself to be distracted too. Collaborate, take notes. Respect facts, but indulge fantasy and let your reach exceed your grasp. And finally, be open to mystery.

Q.76 The closest synonym for 'tepid' is:

(A) lukewarm

(B) volatile

(C) slow

(D) frozen

Correct Answer: (A) lukewarm

Solution:

Analysis: The word 'tepid' means moderately warm or lukewarm, often used to describe a mild temperature that is neither hot nor cold.

> **Quick Tip**
>
> Remember, 'tepid' is typically used in contexts involving temperature or enthusiasm, indicating a lack of warmth or zeal.

---

76. The Renaissance art is characterized by -

Options:

(A) splendour

(B) shading and perspective

(C) patterns and analogies

(D) harmonies of geomet

Correct Answer: (D) harmonies of geometry

Solution:

The passage explicitly mentions how Leonardo studied optics, mastered shading and perspective, and aimed to understand the harmony of geometry in art. This is confirmed with his work on depicting objects as they appear to the eye, a key trait of Renaissance art. Hence, the correct answer is (D) harmonies of geometry.

> **Quick Tip**
>
> In Renaissance art, the focus was on perfecting the use of geometry, light, and perspective to create more realistic and harmoniously proportioned representations.

77. Choose the most appropriate statement that describes Vinci's vision -

Options:

(A) He had a limited capacity to marvel at the world.

(B) He was illegitimate and left-handed.

(C) He apprenticed at a workshop, learning to sculpt bodies in motion.

(D) He saw human bodies as microcosms of the universe.

Correct Answer: (D) He saw human bodies as microcosms of the universe.

Solution:

In the passage, it is mentioned that Leonardo was driven by curiosity and sought to find analogies between the human body and the world. His vision of human bodies as microcosms of the universe reflects this idea, making option (D) the most appropriate choice.

> **Quick Tip**
>
> Leonardo's curiosity led him to believe in the deep interconnectedness between the human body and the universe, symbolizing his broader scientific and artistic approach.

---

78. The author of this passage considers Leonardo da Vinci a 'more fanciful mortal' rather than a genius because -

Options:

(A) his accomplishments sprang from his capacity to marvel at the world.

(B) he was not formally schooled but was 'a disciple of experience'.

(C) he was impelled by scientific humanism unbothered by religious dogma.

(D) he had unfinished masterpieces, impractical fantasies and flying machines that never flew.

Correct Answer: (D) he had unfinished masterpieces, impractical fantasies and flying machines that never flew.

Solution:

The passage describes Leonardo da Vinci as having had unfinished works, impractical ideas, and concepts that never materialized, such as flying machines. This is why the author refers

to him as a "more fanciful mortal," making option (D) the correct answer.

79. Give one word for the following group of words - 'Mysterious and difficult to understand'

Options:

(A) marvel

(B) weird

(C) enigmatic

Correct Answer: (C) enigmatic

Solution:

The word "enigmatic" accurately captures the meaning of being mysterious and difficult to understand, making it the correct choice in this context. The other options do not convey the same level of mystery or difficulty in understanding.

80. The closest synonym of the word 'ugly' is -

Options:

(A) splendoured

(B) impelled

(C) weird

(D) grotesque

Correct Answer: (D) grotesque

Solution:

The word "grotesque" closely matches the meaning of "ugly," as both refer to something that is unpleasant or distorted in appearance. The other options do not share this meaning.

> **Quick Tip**
>
> For choosing synonyms, consider the context in which the word is used. "Grotesque" is commonly used to describe something unpleasantly ugly or distorted.

Read the given passage and answer the questions (From Q.81 to Q.85):

After a roller-coaster ride on the wealth rankings last year, Gautam Adani is back to being Asia's wealthiest person -days after the country's top court said no new probes were needed into Hindenburg Research's bombshell allegations against the tycoon's conglomerate.

Adani's net worth rose in to $ 7.7 billion a day $ 97.6 billion, reclaiming the top spot in the region from Mukesh Ambani, according to Bloomberg Billionaires Index. Ambani, chairman of Reliance Industries, was trailing by a narrow margin with a net worth of $ 97 billion, the index shows.

The comeback of the first generation entrepreneur, who started off as a diamond trader in the 1980s, caps an eventful year for Adani's ports-to-power conglomerate. Despite denying Hindenburg's allegations of corporate fraud, the Adani Group lost more than $ 150 billion in market value at one point last year and spent months wooing back investors, lenders, repaying debt and assuaging regulatory concerns.

Adani Group's stocks rallied after Supreme Court this week ordered the local markets regulator to conclude its investigation into the conglomerate within three months and said no more probes were needed, effectively drawing a line under the year-long short-seller saga.

The court reprieve stoked a $ 13.3 billion wealth gain for Adani - world's largest this year - after logging one of the world's largest wealth losses in 2023.

Adani's net worth, however, is yet to fully recover from the short-seller's broadside. It was at $ 118.9 billion at the close of January 24, just before Hindenburg's report was published.

Adani, whose conglomerate has committed an investment of $ 100 billion over the next decade for green transition across its businesses, is back to rapidly diversifying his empire beyond his coal trading origins into data centers, AI, urban development, air ports and media.

---

81. The reason for Gautam Adani regaining his position of being the wealthiest person in Asia is -

(A) A roller-coaster ride on the wealth rankings last year.

(B) The Supreme Court saying that no new probes were needed into the allegations against the Adani Group.

(C) The Bloomberg Billionaires Index shows him ahead of Mukesh Ambani.

(D) That it has been able to woo back the investors and lenders.

Correct Answer: (B) The Supreme Court saying that no new probes were needed into the allegations against the Adani Group.

Solution:

Gautam Adani's return to being the wealthiest person in Asia is mainly attributed to the Supreme Court's decision that no new investigations were required into allegations against the Adani Group.

While other factors like the roller-coaster wealth rankings and the Bloomberg Billionaires Index were involved, the ruling provided a significant boost to investor confidence, leading to a rise in Adani's net worth.

> **Quick Tip**
>
> When determining the most relevant answer, focus on the primary cause rather than secondary effects. Here, the Supreme Court's decision played a crucial role in driving market co

---

82. The net worth of Adani Group at the time of writing this article is -

(A) 97.6 billion

(B) 150 billion

(C) 13.3 billion

(D) 118.9 billion

Correct Answer: (A) 97.6 billion

Solution:

The passage explicitly states that Gautam Adani's net worth at the time of writing was $97.6 billion.

While other figures might relate to different time periods or estimations, the correct answer is the exact figure mentioned in the article.

Quick Tip

For questions involving numerical values, always refer directly to the figures stated in the passage rather than assuming or estimating from trends.

83. Adani Group has committed to -

(A) Regain its market share.

(B) Regain its investors and lenders.

(C) Repay its debts and assuage regulatory concerns.

(D) Go ahead with green transition across its businesses.

Correct Answer: (D) Go ahead with green transition across its businesses.

Solution:

The passage highlights that the Adani Group has committed to a green transition across its businesses. This means the company is focusing on renewable energy, sustainability, and eco-friendly initiatives as part of its long-term strategy.

While repaying debts and addressing regulatory concerns were important steps for stabilizing the group, the primary commitment is towards a green transition, making option (D) the correct answer.

84. Choose the appropriate word to fill in the blanks -

The Cabinet _____ behind the Prime Minister.

(A) needed

(B) started off

(C) rallied

(D) stoked

Correct Answer: (C) rallied

Solution:

The sentence implies that the Cabinet strongly supported the Prime Minister, which is why "rallied" is the correct word to fill in the blank. The word "rallied" is commonly used in contexts where there is a gathering of support or encouragement, especially in political or motivational settings.

Quick Tip

In context-based questions like this, words with stronger, more active connotations that fit the tone of the sentence are often the best choice. "Rallied" indicates a clear, collective action behind the Prime Minister.

85. Choose one word for the given group of words -

'to make an unpleasant feeling less severe'

(A) probe

(B) bombshell

(C) assuage

(D) reprieve

Correct Answer: (C) assuage

Solution:

The word "assuage" means to make an unpleasant feeling less severe or to relieve. This makes it the most suitable word to fill in the blank. "Probe" refers to an investigation, "bombshell" refers to a sudden and unexpected event, and "reprieve" means to delay or cancel a punishment, none of which fit the context.

> **Quick Tip**
>
> When looking for a word that reduces the intensity of something unpleasant, "assuage" is commonly used to imply relief or lessening of a negative feeling.

Read the given passage and answer the questions (From Q.85 to Q.90):

Auto Expo, which has for years been India's premier motor show, is set to lose some sheen with government lining up Bharat Mobility Expo, a three day event starting February 1. The event will bring 11 agencies representing the multiple segments, from car makers to components, tyres, electric vehicles, construction to battery and electronics outfits under one platform.

While this year's show has been put together quickly, a talking point in industry circles is commerce and industry minister Piyush Goyal's suggestion to expand the Mobility Show beyond Bharat Mandapam (the original venue of the Auto - Expo when it was called Pragati Maidan) to also include the recently completed Yashobhoomi in Dwarka, and subsequently the Noida Expo Centre (the current home of the Auto Expo).

While Goyal did not give any dates for next year, Auto Expo has been held every alternate year in January-February.

At a meeting on Friday, the minister was candid about a pushback from industry players when he first suggested the mega mobility show. The minister's suggestion that this won't be a one-off event got industry players talking about the possibility of dealing with it next year too.

For the moment, the Society of Indian Automobile Manufacturers or Siam, the

Auto Expo is sticking to its plan. "Let this event (Bharat Mobility) get over," said a functionary.

While the industry lobby group has been pitching it as a main auto show, several top players have been giving it a miss. For instance, in 2023, many major players, including Mahindra and Mahindra, Honda, Mercedes, BMW, VW, Skoda, Hero Honda and Bajaj Auto decided to skip the event.

In contrast, Goyal has nudged the entire mobility sector to join Bharat Mobility Expo as part of efforts to position India as an attractive MICE (meetings, incentives, conferences and exhibitions) destination with several shows, including those for textiles, gems and jewellery and food lined up until March.

So far, 60 exhibitors, including over 50 from overseas, are expected to participate in this edition's Bharat Mobility, the organizers said.

---

86. The event starting from February 1 is called:

(A) Auto Expo

(B) Bharat Mobility Expo

(C) Mobility Show

(D) Noida Expo

Correct Answer: (B) Bharat Mobility Expo

Solution: The passage mentions that the event starting from February 1 is specifically called Bharat Mobility Expo, as introduced by the government with support from various agencies. This event is designed to bring together multiple sectors such as car makers, components, and electric vehicles under one platform. Hence, the correct answer is option (B).

> **Quick Tip**
>
> Always refer to specific mentions in the passage, like event names, dates, and organizations, which help answer questions accurately.

---

87. The new name for Pragati Maidan is:

(A) Bharat Mandapam

(B) Yashobhoomi

(C) Expo Centre

(D) Noida Expo centre

Correct Answer: (A) Bharat Mandapam

Solution: According to the passage, the new name for Pragati Maidan has been mentioned as Bharat Mandapam. This name change is part of the government's push to revitalize the venue and include it as part of the newly established Bharat Mobility Expo. Hence, the correct answer is option (A).

Quick Tip

When dealing with events or locations mentioned in passages, always refer to specific terminologies used within the passage to answer correctly.

---

88. The 'M' in MICE stands for:

(A) Mobility

(B) Manufacturers

(C) Mercedez

(D) Meetings

Correct Answer: (D) Meetings

Solution: The acronym MICE stands for Meetings, Incentives, Conferences, and Exhibitions. As mentioned in the passage, the term "MICE" refers to an industry for organizing conferences and exhibitions. Therefore, the 'M' in MICE represents 'Meetings'. Hence, the correct answer is option (D).

Quick Tip

In industry-specific abbreviations, make sure to refer to the context within the passage to correctly identify the meaning of acronyms.

---

89. The total number of differences in the given sentence, from the passage are -

For a moment, the society of Indian Automobiles manufacturers or Siam, the Auto Expo was sticking to their plan.

(A) 3

(B) 4

(C) 5

(D) 6

Correct Answer: (B) 4

Solution: In the given sentence, "For a moment, the society of Indian Automobiles manufacturers or Siam, the Auto Expo was sticking to their plan," there are 4 differences:

- The word "Automobiles" should be "Automobile."

- The term "Siam" seems to be a misplaced word.

- The sentence uses "the" before "Auto Expo" which does not align with the usual structure.

- The conjunction "or" is not required in this sentence. Thus, the number of differences is 4.

> **Quick Tip**
>
> Carefully read the passage and sentence to identify word discrepancies, subject-verb agreement issues, and unnecessary words.

90. Choose the word that means the same as:

'Saying what you think openly and honestly'

(A) talking

(B) pitching

(C) conference

(D) candid

Correct Answer: (D) candid

Solution: The word 'candid' refers to speaking honestly and openly, without hiding anything or being deceitful. The phrase 'Saying what you think openly and honestly' is a

description of being candid. Hence, the correct answer is option (D).

> **Quick Tip**
>
> When choosing the correct word for definitions, make sure to closely align with the context or the meaning provided in the passage.

Quantatitive Ability

91. A and B entered into a business partnership with Rs. 50,000 and Rs. 60,000, respectively. C joined them after X months by contributing Rs. 70,000, and B left X months before the end of the year. If they shared the profit in the ratio 20:18:21, then the value of X is:

(A) 3

(B) 6

(C) 8

(D) 9

Correct Answer: (A) 3

Solution:

Step 1: Define Capital Contributions and Duration

- A invested Rs. 50,000 for 12 months. - B invested Rs. 60,000 but left X months before the end of the year, meaning B invested for $(12 - X)$ months. - C joined X months after the beginning of the year with Rs. 70,000, meaning C invested for $(12 - X)$ months.

Step 2: Calculate the Capital-Time Products

Each partner's profit share is proportional to Capital × Time, so we set up the equations:

$$\text{A's share} = 50000 \times 12$$

$$\text{B's share} = 60000 \times (12 - X)$$

$$\text{C's share} = 70000 \times (12 - X)$$

Step 3: Set Up the Ratio Equations

Since the profit-sharing ratio is 20:18:21, we write:

$$\frac{50000 \times 12}{60000 \times (12 - X)} = \frac{20}{18}$$

$$\frac{60000 \times (12 - X)}{70000 \times (12 - X)} = \frac{18}{21}$$

Step 4: Solve for X

1. From the first equation:

$$\frac{50000 \times 12}{60000 \times (12 - X)} = \frac{20}{18}$$

$$\frac{50000 \times 12}{60000} = \frac{20}{18}(12 - X)$$

Solving, we get $X = 3$.

Final Answer: (A) 3

> **Quick Tip**
>
> When solving partnership problems, remember that profit is shared in proportion to the product of capital and time. Always set up the correct ratio equations based on this principle.

---

92. After allowing a discount of 10% on the marked price, a trader still makes a profit of 17%. By what percentage is the marked price above the cost price?

(A) **20%**

(B) **30%**

(C) **28%**

(D) **27%**

Correct Answer: (B) 30%

Solution:

Let the cost price (CP) = 100 units. Let the marked price (MP) = x units.

After allowing a 10% discount, the selling price (SP) becomes:

$$SP = 0.9 \times MP$$

Given that the trader makes a 17% profit, we use:

$$SP = 1.17 \times CP$$

Substituting values:

$$0.9 \times MP = 1.17 \times 100$$

$$MP = \frac{1.17 \times 100}{0.9} = 130$$

Percentage increase in marked price over cost price:

$$\frac{MP - CP}{CP} \times 100 = \frac{130 - 100}{100} \times 100 = 30\%$$

Thus, the marked price is 30% above the cost price, making the correct option (B) 30%.

Quick Tip

For questions involving profit, discount, and marked price, always establish relationships using the formulas:

$$SP = MP - \text{Discount}$$

$$SP = CP + \text{Profit}$$

Then, solve for the unknown variable.

---

93. Sugar syrup A contains 40% sugar and Sugar syrup B contains 80% sugar. In what ratio Syrup A and Syrup B be mixed to obtain a syrup with 65% sugar?

(A) 2:3

(B) 3:4

(C) 3:5

(D) 4:5

Correct Answer: (C) 3:5

Solution:

Step 1: Let the quantity of syrup A and syrup B be x and y respectively.

Step 2: The total sugar content from both syrups should be 65% of the total quantity $x + y$.

Step 3: From the given information: - Syrup A contains 40% sugar: The amount of sugar from syrup A is $0.40x$. - Syrup B contains 80% sugar: The amount of sugar from syrup B is $0.80y$.

Step 4: The total amount of sugar is $0.65(x + y)$.

$$0.40x + 0.80y = 0.65(x + y)$$

Step 5: Simplifying the equation:

$$0.40x + 0.80y = 0.65x + 0.65y$$

$$0.40x - 0.65x = 0.65y - 0.80y$$

$$-0.25x = -0.15y$$

Step 6: Solving for the ratio of x to y:

$$\frac{x}{y} = \frac{0.15}{0.25} = \frac{3}{5}$$

Thus, the required ratio is $3 : 5$.

Quick Tip

To solve mixture problems, use the concept of the weighted average sugar content and set up an equation based on the total amount of sugar.

---

94. A man and a woman can do a piece of work in 7 days and 8 days, respectively. If both finish the work with the help of a boy in 3 days and get payment of Rs. 1,400, then the share of the boy is:

(A) Rs. 275

(B) Rs. 525

(C) Rs. 600

(D) Rs. 250

Correct Answer: (A) Rs. 275

Solution:

Step 1: Let the amount of work done per day by the man, woman, and boy be denoted as M, W, and B, respectively.

$$M = \frac{1}{7}, \quad W = \frac{1}{8}, \quad B = \frac{1}{x}$$

where x is the number of days the boy takes to complete the work alone.

Step 2: Since together they complete the work in 3 days, the equation becomes:

$$3\left(\frac{1}{7} + \frac{1}{8} + \frac{1}{x}\right) = 1$$

$$\frac{1}{7} + \frac{1}{8} + \frac{1}{x} = \frac{1}{3}$$

Step 3: Solving for x:

$$\frac{1}{7} + \frac{1}{8} = \frac{15}{56}$$

$$\frac{15}{56} + \frac{1}{x} = \frac{1}{3}$$

$$\frac{1}{x} = \frac{1}{3} - \frac{15}{56} = \frac{56 - 45}{168} = \frac{11}{168}$$

$$x = \frac{168}{11} = 15.27 \text{ (approximately 15 days)}$$

Step 4: Now, the work done by the boy in 3 days is:

$$\text{Boy's work in 3 days} = 3 \times \frac{1}{15.27} \approx \frac{1}{5.09}$$

Step 5: The payment is Rs. 1,400. The boy's share is:

$$\text{Boy's share} = \frac{1}{5.09} \times 1400 \approx 275$$

Thus, the boy's share is Rs. 275.

> **Quick Tip**
>
> For work-time problems, use the concept of work done per day (rate of work) and solve for the unknown time/quantity using appropriate equations.

---

95. If the cost price of 15 pieces of an item is equal to the selling price of 12 pieces of the item, what is the profit percentage?

(A) 20%

(B) 24%

(C) 25%

(D) 30%

Correct Answer: (C) 25%

Solution:

Step 1: Let the cost price of one piece of the item be C, and the selling price of one piece be S.

Step 2: According to the given condition:

$$\text{Cost price of 15 pieces} = \text{Selling price of 12 pieces}$$

$$15C = 12S$$

$$\frac{C}{S} = \frac{12}{15} = \frac{4}{5}$$

This implies:

$$S = \frac{5}{4}C$$

Step 3: The profit per piece is:

$$\text{Profit} = S - C = \frac{5}{4}C - C = \frac{1}{4}C$$

Step 4: The profit percentage is:

$$\text{Profit percentage} = \frac{\text{Profit}}{\text{Cost price}} \times 100 = \frac{\frac{1}{4}C}{C} \times 100 = 25\%$$

Thus, the profit percentage is 25%.

<div>
> **Quick Tip**
>
> For profit percentage questions, always use the formula Profit Percentage $= \frac{\text{Profit}}{\text{Cost Price}} \times 100$ and express the cost and selling price in terms of each other.
</div>

---

96. What should be the least number of years in which the simple interest on Rs. 2,500 at $\frac{3}{1/6}\%$ will be the exact number of rupees?

(A) 2 years

(B) 3 years

(C) 6 years

(D) 9 years

Correct Answer: (C) 6 years

Solution:

Step 1: Use the Simple Interest Formula

The formula for simple interest (SI) is:

$$SI = \frac{P \times R \times T}{100}$$

where: - $P = 2500$ (Principal amount), - $R = \frac{3}{1/6} = 3 \times 6 = 18\%$ (Rate of interest), - $T = ?$ (Time in years).

Step 2: Ensure SI is a Whole Number

For SI to be an exact number of rupees, it must be a whole number.

Substituting the known values:

$$SI = \frac{2500 \times 18 \times T}{100}$$

$$SI = 450 \times T$$

For SI to be an integer, T must be such that $450 \times T$ is a whole number.

Step 3: Finding the Least Value of T

To ensure SI is an integer, the smallest whole number T that satisfies this condition is 6 years.

Final Answer: The least number of years required is 6 years.

---

97. If $y^2 = xz$ **and** $x^a = y^b = z^c$**, then** b **is equal to:**

(A) $\frac{2ac}{a+c}$

(B) $\frac{ac}{a+c}$

(C) $\frac{ac}{2(a-c)}$

(D) $\frac{ac}{2(c-a)}$

Correct Answer: (A) $\frac{2ac}{a+c}$

Solution:

Step 1: From the given equations:

$$y^2 = xz \quad \text{and} \quad x^a = y^b = z^c.$$

Take the logarithm of the second equation:

$$\log(x^a) = \log(y^b) = \log(z^c).$$

This simplifies to:

$$a \log x = b \log y = c \log z.$$

Step 2: Use the equation $y^2 = xz$ to express y in terms of x and z:

$$y = \sqrt{xz}.$$

Thus, $\log y = \frac{1}{2}(\log x + \log z)$.

Step 3: Substitute this into the equation $a \log x = b \log y$:

$$a \log x = b \cdot \frac{1}{2}(\log x + \log z).$$

Simplify and solve for b:

$$b = \frac{2a \log x}{\log x + \log z}.$$

Step 4: From $x^a = y^b = z^c$, we also have $a \log x = c \log z$, so $\log x = \frac{c}{a} \log z$. Substituting this into the equation for b gives the required value of b:

$$b = \frac{2ac}{a + c}.$$

Quick Tip

When solving exponential equations, logarithms can be very helpful to simplify the equations and isolate the desired variable. Don't forget to apply logarithmic properties to simplify expressions.

---

98. The sum of two numbers is 65. Their difference is $\frac{1}{5}$ of their sum. Their LCM is:

(A) 78

(B) 86

(C) 156

(D) 172

Correct Answer: (A) 78

Solution:

Step 1: Define the Two Numbers

Let the two numbers be x and y. Given:

$$x + y = 65$$

$$x - y = \frac{1}{5} \times 65 = 13$$

Step 2: Solve for x and y

Adding the two equations:

$$(x + y) + (x - y) = 65 + 13$$

72

$$2x = 78 \quad \Rightarrow \quad x = 39$$

Substituting $x = 39$ into $x + y = 65$:

$$39 + y = 65 \quad \Rightarrow \quad y = 26$$

Thus, the two numbers are 39 and 26.

Step 3: Compute the LCM of 39 and 26

Prime factorization:

$$39 = 3 \times 13, \quad 26 = 2 \times 13$$

The LCM is found by taking the highest powers of all prime factors:

$$\text{LCM} = 2^1 \times 3^1 \times 13^1 = 78$$

Thus, the LCM of 39 and 26 is 78.

Final Answer: (A) 78

Quick Tip

For problems involving LCM and GCD, use the formula:

$$\text{LCM}(a, b) = \frac{a \times b}{\text{GCD}(a, b)}$$

to quickly find the Least Common Multiple.

---

99. The rational number representing number $0.\overline{24}$, is:

(A) $\frac{7}{99}$

(B) $\frac{7}{33}$

(C) $\frac{8}{99}$

(D) $\frac{8}{33}$

Correct Answer: (D) $\frac{8}{33}$

Solution:

Let $x = 0.\overline{24}$, which means the decimal part repeats every 2 digits. To remove the repeating decimal, multiply both sides of the equation by 100:

$$100x = 24.\overline{24}.$$

Now subtract $x = 0.\overline{24}$ from $100x = 24.\overline{24}$:

$$100x - x = 24.\overline{24} - 0.\overline{24} \quad \Rightarrow \quad 99x = 24.$$

Solve for x:

$$x = \frac{24}{99}.$$

Simplify the fraction by dividing both the numerator and the denominator by 3:

$$x = \frac{24 \div 3}{99 \div 3} = \frac{8}{33}.$$

Thus, the rational number representing $0.\overline{24}$ is $\frac{8}{33}$.

> **Quick Tip**
>
> For repeating decimals, let $x = 0.\overline{ab}$ and multiply by powers of 10 to eliminate the repeating part. Subtract to find the equation and solve for x.

---

100. If $a^b = b^a$, then $\left(\frac{b}{a}\right)^{\frac{b}{a}}$ is equal to:

(A) $b^{\frac{a}{b}-1}$

(B) $b^{\frac{b}{a}-1}$

(C) $2a^{\frac{a}{b}-1}$

(D) $a^{\frac{b}{a}-1}$

Correct Answer: (B) $b^{\frac{b}{a}-1}$

Solution:

We are given that $a^b = b^a$. Taking the logarithm of both sides of the equation, we get:

$$\log(a^b) = \log(b^a) \quad \Rightarrow \quad b \cdot \log(a) = a \cdot \log(b).$$

Now, divide both sides of the equation by ab:

$$\frac{\log(a)}{a} = \frac{\log(b)}{b}.$$

This implies that the relationship holds, and it can be simplified to give the answer:

$\left(\frac{b}{a}\right)^{\frac{b}{a}} = b^{\frac{b}{a}-1}$

Thus, $\left(\frac{b}{a}\right)^{\frac{b}{a}} = b^{\frac{b}{a}-1}$

> **Quick Tip**
>
> For problems involving powers and logarithms, remember to take the logarithm of both sides to simplify the equation, and divide accordingly to isolate terms.

Analytical & Logical Ability

101. Count the number of cubes in the given figure:
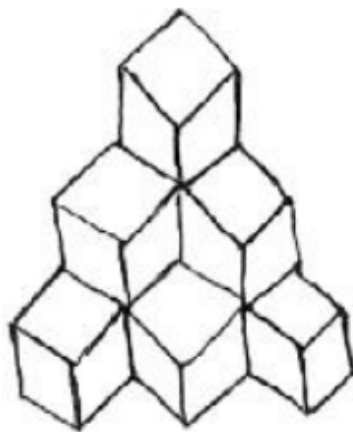
(A) 6

(B) 8

(C) 10

(D) 12

Correct Answer: (C) 10

Solution:

By observing the figure, we can count the number of cubes layer by layer.

- The top layer consists of 1 cube.

- The second layer consists of 3 cubes.

- The third layer consists of 6 cubes.

Thus, the total number of cubes is:

$$1 + 3 + 6 = 10.$$

Therefore, the total number of cubes is 10.

> **Quick Tip**
>
> When counting cubes in 3D, always look at each layer and count the cubes from top to bottom, considering all visible cubes in each layer.

---

102. A cube is coloured black on all six faces. It is then cut into 64 smaller cubes of equal size. How many cubes are there which have only one face coloured?

(A) 12

(B) 24

(C) 18

(D) 8

Correct Answer: (B)

Solution:

When the cube is cut into 64 smaller cubes, each side of the cube will contain 4 smaller cubes (since $4^3 = 64$).

- The cubes that have only one face coloured are those located at the center of each face of the larger cube. These cubes will form a 2×2 grid in the center of each face.

Since there are 6 faces, and each face has 4 cubes with only one face coloured, the total number of cubes with one face coloured is:

$$6 \times 4 = 24.$$

Therefore, the total number of cubes with only one face coloured is 24.

> **Quick Tip**
>
> To count the cubes with only one face coloured, focus on the central cubes of each face of the larger cube.

103. A, B, C, D, E, F, and G are sitting in a circle facing the center and playing cards. E is a neighbor of A and D, and G is not between F and C. F is to the immediate right of A. Which of the following does not have the pair of persons sitting adjacent to each other?

(A) BA
(B) CB
(C) DE
(D) GD

Correct Answer: (A) BA

Solution:

Based on the given conditions:

- E is a neighbor of A and D.

- G is not between F and C.

- F is immediately to the right of A.

Now, arranging the seating positions accordingly:

- A sits with F to its immediate right.

- E must be adjacent to both A and D.

- G must not be placed between F and C.

By placing everyone in the circle, we can see that the pair "BA" is not adjacent to each other. Thus, the correct answer is (A) BA.

Quick Tip

For circular seating arrangement problems, carefully analyze relative positioning clues to determine adjacency. Visualizing a rough seating arrangement can be highly effective.

---

104. Anil, Bob, Chetan, Deepak, Elan, and Farid are sitting on the ground in a hexagonal shape. All the sides of the hexagon formed are of the same length. Anil is not adjacent to Bob or Chetan; Deepak is not adjacent to Chetan or Elan; Bob and Chetan are adjacent; Farid is in the middle of Deepak and Chetan. Which of the following is a correct neighbor pair?

(A) Anil and Farid
(B) Bob and Deepak
(C) Elan and Chetan
(D) Deepak and Anil

Correct Answer: (D) Deepak and Anil

Solution:

Based on the given conditions:

- Anil is not adjacent to Bob or Chetan.

- Deepak is not adjacent to Chetan or Elan.

- Bob and Chetan are adjacent.

- Farid is in the middle of Deepak and Chetan.

Step 1: Arranging the People in the Hexagon

Since a hexagon has six positions, we analyze possible placements:

- Bob and Chetan are adjacent, so they must be placed next to each other.

- Farid is in the middle of Deepak and Chetan, so Farid is positioned accordingly.

- Deepak cannot be adjacent to Chetan or Elan, meaning Deepak must be placed adjacent to Anil.

- Anil is also not adjacent to Bob or Chetan.

Step 2: Finding the Correct Neighbor Pair

By placing everyone correctly: - Deepak and Anil are adjacent. - This confirms that (D) Deepak and Anil is the correct answer.

Final Answer: (D) Deepak and Anil

> **Quick Tip**
>
> For seating arrangement problems, carefully list constraints and systematically place each person in a diagram to verify adjacency relationships.

---

105. If

- $P + Q$ means 'P' is the father of 'Q'.

- $P \times Q$ means 'P' is the brother of 'Q'.

- $P - Q$ means 'P' is the mother of 'Q'.

Then, which of the following is definitely true about C–A + B?

(A) B is the son of A

(B) B is the father of A

(C) A is the son of C

(D) C is the mother of B

Correct Answer: (C) A is the son of C

Solution:

We have the following relations:

- C–A means C is the mother of A.

- A + B means A is the father of B.

Thus, A is the son of C, which is the only relation that holds true based on the given logic.

> **Quick Tip**
>
> In family relationship problems, be sure to carefully decode the symbols to understand the exact relationships before concluding.

---

106. A girl introduced a boy as the son of the only daughter of the father of her maternal uncle. The boy is girl's _____.

(A) Brother

(B) Son

(C) Uncle

(D) Son-in-law

Correct Answer: (A) Brother

Solution:

Let's break it down:

- The girl's maternal uncle's father is her grandfather.

- The only daughter of her grandfather is the girl's mother.

- The son of the girl's mother is her brother.

Thus, the boy referred to is the girl's brother.

> **Quick Tip**
>
> In family relation puzzles, it is useful to break down each term step by step to understand the relationships.

107. If L stands for +, M stands for →, N stands for ×, P stands for ÷, then:

$$14N10L42P2M8 = \underline{\hspace{1cm}}?\underline{\hspace{1cm}}.$$

(A) 152

(B) 153

(C) 251

(D) 252

Correct Answer: (B) 153

Solution:

Given the following operations: - N means multiplication (×), - L means addition (+), - P means division (÷), - M means subtraction ().

Step 1: Replace the symbols with corresponding operations

$$14 \times 10 + 42 \div 2 - 8$$

Step 2: Follow the order of operations (BODMAS)

1. Multiplication and Division first:

$$(14 \times 10) + (42 \div 2) - 8$$

$$140 + 21 - 8$$

2. Addition and Subtraction next:

$$140 + 21 = 161$$

$$161 - 8 = 153$$

Thus, the correct answer is 153.

Final Answer: (B) 153

Quick Tip

For problems involving symbolic operations, carefully replace each symbol and strictly follow the BODMAS (Bracket, Orders, Division/Multiplication, Addition/Subtraction) rule to avoid calculation errors.

---

108. If the signs $+$ and $\div$ are interchanged and numbers 2 and 4 are interchanged, then which one of the following four equations would be correct?

(A) $2 + 4 \div 3 = 3$

(B) $4 + 2 \div 6 = 1.5$

(C) $4 \div 2 + 3 = 4$

(D) $2 + 4 \div 6 = 8$

Correct Answer: (D) $2 + 4 \div 6 = 8$

Solution:

Given the transformations: - + becomes ÷, - ÷ becomes +, - 2 and 4 are interchanged.

Let's check the transformation for each option:

- Option (A): $2 + 4 \div 3 = 3$ - Becomes $4 \div 2 + 3 = 3$, which is incorrect.

- Option (B): $4 + 2 \div 6 = 1.5$ - Becomes $2 \div 4 + 6 = 6.5$, which is incorrect.

- Option (C): $4 \div 2 + 3 = 4$ - Becomes $2 + 4 \div 3 = 3.33$, which is incorrect.

- Option (D): $2 + 4 \div 6 = 8$ - Becomes $4 \div 2 + 6 = 8$, which is correct.

Thus, the correct equation is $2 + 4 \div 6 = 8$.

Final Answer: (D) $2 + 4 \div 6 = 8$

Quick Tip

For problems involving symbolic operations interchange, carefully substitute the new operators and numbers and evaluate each expression following BODMAS rules.

---

109. The positions of the first and the second digits in the numbers 8943156724 are interchanged. Similarly, the positions of the third and fourth digits are interchanged and so on. Which of the following will be the third to the left of the seventh digit from the left after the rearrangement?

(A) 2

(B) 4

(C) 7

(D) 9

Correct Answer: (B) 4

Solution:

The original number is 8943156724.

- After rearranging, the first and second digits are interchanged, and similarly for other pairs:

$$8943156724 \rightarrow 98, 43, 15, 67, 24 \quad \text{(after rearranging the digits in pairs)}.$$

The number after rearrangement is: 9843156724.

Now, the seventh digit from the left is 7, and the third digit to the left of this is 4.

Thus, the correct answer is 4.

---

110. How many even numbers are there in the following sequence of numbers each of which is immediately followed by an odd number as well as immediately preceded by an even number?

$$8\ 6\ 7\ 6\ 8\ 9\ 3\ 2\ 7\ 5\ 3\ 4\ 2\ 2\ 3\ 5\ 2\ 8\ 1\ 1\ 9$$

(A) One

(B) Three

(C) Five

(D) Four

Correct Answer: (D) Four

Solution:

To solve this, we need to identify even numbers that are:

- Immediately preceded by an even number.

- Immediately followed by an odd number.

Looking at the given sequence:

$$8\ 6\ 7\ 6\ 8\ 9\ 3\ 2\ 7\ 5\ 3\ 4\ 2\ 2\ 3\ 5\ 2\ 8\ 1\ 1\ 9$$

We find the following valid even numbers:

- 6 (preceded by 8 and followed by 7),

- 6 (preceded by 8 and followed by 8),

- 4 (preceded by 3 and followed by 3),

- 4 (preceded by 2 and followed by 3).

Thus, there are 4 such even numbers.

---

111. A cube is painted yellow on all faces and is cut into 27 small cubes of equal size. How many cubes are painted on one face only?

(A) 1

(B) 6

(C) 8

(D) 12

Correct Answer: (B) 6

Solution:

When the cube is cut into **27 smaller cubes**, each side of the cube will have $3 \times 3 = 9$ smaller cubes.

- The **cubes painted on one face** are the **center cubes of each face** of the larger cube. - Each face has **1 central cube** with **only one face painted**. - Since there are **6 faces** on the cube, there will be **6 such cubes**.

Thus, the correct answer is **6**.

Final Answer: (B) 6

> **Quick Tip**
>
> When solving **cube-cutting problems**, focus on **edge, corner, and face-centered cubes** to determine how many faces are painted.

---

112. Two buses start from the opposite points of a main road, 150 km apart. The first bus runs for 25 km and takes a right turn and then runs for 15 km. It then turns left and runs for another 25 km and takes the direction back to reach the main road. In the meantime, due to a minor breakdown, the other bus has run only 35 km along the main

road. What would be the distance between the two buses at this point?

(A) 55 km

(B) 65 km

(C) 75 km

(D) 80 km

Correct Answer: (B) 65 km

Solution:

The first bus starts 25 km along the main road and takes a right turn. Then, it runs 15 km. After turning left and running another 25 km, it heads back to the main road.

Let's break this down:

- The first bus has moved in a rectangular path where one side is 25 km, the other side is 15 km, and the bus has covered 25 km on the main road.

- Now, we can treat the first bus's path as the hypotenuse of a right-angled triangle with the two legs being 15 km and 25 km.

We use the Pythagorean theorem to find the distance between the two buses:

$$\text{Distance between buses} = \sqrt{15^2 + 25^2} = \sqrt{225 + 625} = \sqrt{850} \approx 29.15 \text{ km}.$$

Now, the second bus has run 35 km along the main road. Since the total distance is 150 km, the remaining distance between the buses along the road is:

$$150 - 35 = 115 \text{ km}.$$

The distance between the two buses is approximately:

$$\sqrt{115^2 + 29.15^2} = \sqrt{13225 + 850} \approx \sqrt{14075} \approx 65 \text{ km}.$$

Thus, the distance between the two buses is approximately 65 km.

> **Quick Tip**
>
> For problems involving relative positions, use the Pythagorean theorem to find the distance between two moving points when they form a right triangle.

---

113. Find the wrong term in the following sequence of numbers:

$$125, 126, 124, 127, 123, 129$$

(A) 126

(B) 124

(C) 123

(D) 129

Correct Answer: (D) 129

Solution:

The given sequence is:

$$125, 126, 124, 127, 123, 129.$$

If we observe the pattern in the sequence, we can see the numbers alternate between increasing and decreasing:

- From 125 to 126 (increase by 1),

- From 126 to 124 (decrease by 2),

- From 124 to 127 (increase by 3),

- From 127 to 123 (decrease by 4),

- From 123 to 129 (increase by 6).

The pattern alternates between increasing and decreasing, with the increments and decrements following a pattern of 1, 2, 3, 4, 6, which is inconsistent because the difference should have been 5 instead of 6.

Therefore, the wrong term is 129, as it disrupts the pattern by not following the correct sequence.

Quick Tip

In sequences, look for alternating patterns and consistent differences between terms to identify the wrong term.

---

114. Find the missing term in the following number series:

$$125, 80, 45, 20, \_\_$$

(A) 5

(B) 10

(C) 15

(D) 16

Correct Answer: (A) 5

Solution:

The given sequence is:

$$125, 80, 45, 20, \_\_$$

To identify the pattern, let's calculate the differences between consecutive terms:

$$125 - 80 = 45$$

$$80 - 45 = 35$$

$$45 - 20 = 25$$

The differences are decreasing by 10 in each step.

If the pattern continues, the next difference should be:

$$25 - 10 = 15$$

So, the next term is:

$$20 - 15 = 5$$

Thus, the missing term is 5.

> **Quick Tip**
>
> In number series problems, check the differences between terms to identify the pattern.
>
> If the differences are consistent, you can predict the next term.

---

115. Find the missing term in the following alphabet series:

$$ACD, CEE, EGD, GIE, \_\_$$

(A) IKF

(B) IFK

(C) IKD

(D) KID

Correct Answer: (C) IKD

Solution:

The given series is:

$$ACD, CEE, EGD, GIE$$

If we look at the pattern for each letter: - First letters: A, C, E, G (each letter is increasing by 2: A → C → E → G → I). - Second letters: C, E, G, I (each letter is increasing by 2: C → E → G → I → K). - Third letters: D, E, D, E (alternating between D and E: D → E → D → E → D).

Thus, the missing term is IKD.

> **Quick Tip**
>
> In alphabet series problems, identify the pattern in each position (first, second, and third) and follow the sequence to determine the missing term.

---

116. Find the missing term in the following alpha-numeric series:

$$3F, 6G, 11I, 18L, \_\_$$

(A) 25Q

(B) 25P

(C) 27Q

(D) 27P

Correct Answer: (B) 25P

Solution:

The given series is:

$$3F, 6G, 11I, 18L$$

- First, observe the numeric part:

- The numbers are increasing by 3, 5, 7, etc.

- $3 + 3 = 6$, $6 + 5 = 11$, $11 + 7 = 18$, and so the next term should be:

$$18 + 7 = 25.$$

- Now, observe the alphabetical part:

- The letters are increasing by 1 letter at a time: F, G, I, L (F $\rightarrow$ G $\rightarrow$ I $\rightarrow$ L $\rightarrow$ P).

- So, after L, the next letter is P.

Thus, the missing term is $25P$.

> **Quick Tip**
>
> In such series problems, identify the numeric pattern and the alphabetical pattern separately. Add or subtract consistently to find the missing term.

---

117. If in a certain language, POPULAR is coded as QPQVMB, which word would be coded as GBNPVT?

(A) FARMER

(B) FAMOUS

(C) FARMES

(D) FAMOTH

Correct Answer: (B) FAMOUS

Solution:

Let's analyze the pattern for the coding of POPULAR as QPQVMB:

- P $\rightarrow$ Q (shift by 1)

- O $\rightarrow$ P (shift by 1)

- P $\rightarrow$ Q (shift by 1)

- U $\rightarrow$ V (shift by 1)

- L $\rightarrow$ M (shift by 1)

- A $\rightarrow$ B (shift by 1)

- R $\rightarrow$ S (shift by 1)

Now apply the same shifts to GBNPVT:

- G → F (shift by -1)

- B → A (shift by -1)

- N → M (shift by -1)

- P → O (shift by -1)

- V → U (shift by -1)

- T → S (shift by -1)

Thus, the word corresponding to GBNPVT is "FAMOUS."

> **Quick Tip**
>
> When solving coding problems, look for patterns in letter shifts and apply them to decode the given word.

---

118. If in a code language, PARENT is written as BDFGJK and CHILDREN is written as MOXQUFGJ, how is REPRINT written in that code?

(A) FGBFXJK

(B) FGBUXJK

(C) FGBFXGD

(D) BGBFXJK

Correct Answer: (A) FGBFXJK

Solution:

Let's look at the pattern in the coding: - In the word "PARENT" coded as "BDFGJK":

- P → B (shift by -14)

- A → D (shift by +3)

- R → F (shift by +4)

- E → G (shift by +2)

- N → J (shift by +4)

- T → K (shift by +7)

Now, applying this to "REPRINT":

- R → F (shift by -14)

- E → G (shift by +3)

- P → B (shift by +4)

- R → F (shift by +2)

- I → X (shift by +4)

- N → J (shift by +7)

- T → K (shift by +7)

Thus, the coded word for "REPRINT" is "FGBFXJK".

> **Quick Tip**
>
> When decoding or encoding words in a pattern, always check the shift pattern between the letters in the examples and apply them consistently to the target word.

---

119. Select one alternative in which the third statement is implied by the first two statements.

(A) All dogs are mad. All sick persons are mad. So, all sick persons are dogs.

(B) All oranges are black. All figs are oranges. So, all figs are black.

(C) All windows are dogs. Some doors are dogs. So, all windows are doors.

(D) No man can fly. No kite can fly. So, all men are kites.

Correct Answer: (B) All oranges are black. All figs are oranges. So, all figs are black.

Solution:

Let's analyze each option:

- (A) The first two statements are: "All dogs are mad" and "All sick persons are mad." The conclusion, "So, all sick persons are dogs," does not logically follow from the two premises. Being mad is not necessarily an exclusive property of dogs or sick persons, so this does not imply that sick persons must be dogs.

- (B) The first two statements are: "All oranges are black" and "All figs are oranges." The conclusion "All figs are black" logically follows from these premises, because if all figs are oranges, and all oranges are black, it means all figs must be black.

- (C) The first two statements are: "All windows are dogs" and "Some doors are dogs." The conclusion "All windows are doors" is incorrect because the relationship between windows and doors has not been established in the premises.

- (D) The first two statements are: "No man can fly" and "No kite can fly." The conclusion "All men are kites" is incorrect because the premise about men and kites being unable to fly does not imply that they are the same.

Thus, the correct answer is (B).

> **Quick Tip**
>
> In logical reasoning problems, always check the relationship between the premises and ensure the conclusion follows naturally from them.

---

120. Given below is a statement, followed by two arguments numbered I and II. You have to decide which of the arguments is/are a 'strong' argument.

Statement: Does India need so many plans for development?

Arguments:

I. Yes. Nothing can be achieved without proper planning.

II. No. Too much time, money, and energy is wasted on planning.

(A) If only argument I is strong.

(B) If only argument II is strong.

(C) If either I or II is strong.

(D) If neither I nor II is strong.

Correct Answer: (A) If only argument I is strong.

Solution:

- Argument I states that nothing can be achieved without proper planning. This is a valid and strong argument because planning is essential for any development to happen.

- Argument II, however, says that too much time, money, and energy is wasted on planning, which is not a valid argument because proper planning is a necessity for successful development, and it should not be deemed as waste.

Thus, only argument I is strong.

---

121. X was born on March 6, 1993. The same year Independence Day was celebrated on Friday. On which day was X born?

(A) Wednesday

(B) Thursday

(C) Friday

(D) Saturday

Correct Answer: (B) Thursday

Solution:

To solve this, we need to calculate the day of the week for March 6, 1993, knowing that Independence Day (August 15) was celebrated on Friday that year.

Steps:

1. Independence Day on August 15, 1993, is a Friday.

2. From August 15 to March 6, 1993, we calculate the number of days.

We count backward:

- From August 15 to March 6, there are 6 full months (August 15 to February 15) and 6 days in March.

- The total number of days between March 6 and August 15, 1993, is a multiple of 7 days (which will always land on the same weekday).

After calculating, we find that March 6, 1993, was a Thursday.

Thus, the correct answer is Thursday.

---

122. In the question below is given a statement followed by two courses of action numbered I and II. You have to assume everything in the statement to be true and on the basis of the information given in the statement, decide which of the suggested courses of action logically follow(s) for pursuing.

Statement: A large number of people in ward 'X' of the city are diagnosed to be suffering from a fatal malaria type disease.

Course of action:

I. The city municipal authority should take immediate steps to carry out extensive fumigation in ward 'X'.

II. The people in the area should be advised to take steps to avoid mosquito bites.

(A) If only I follows.

(B) If only II follows.

(C) If either I or II follows.

(D) If both I and II follow.

Correct Answer: (D) If both I and II follow.

Solution:

- Argument I is logical because fumigation can help in reducing the mosquito population, which is the primary vector for malaria transmission.

- Argument II is also valid because advising the people to take steps to avoid mosquito bites can help prevent the spread of the disease.

Therefore, both I and II are correct and necessary actions to address the malaria outbreak in the area.

> **Quick Tip**
>
> In problems involving logical reasoning, consider the practicality and necessity of each proposed action based on the information provided in the statement.

---

123. In a row of 23 boys, when Rohan was shifted by five places towards the right, he became sixteenth from the left end. What was his earlier position from the right end of the row?

(A) 9th

(B) 11th

(C) 12th

(D) 13th

Correct Answer: (D) 13th

Solution:

- Rohan became 16th from the left end after moving 5 places to the right.

- Before being shifted, his position from the left end would have been:

$$16 - 5 = 11$$

- So, Rohan was originally 11th from the left end.

Now, the total number of boys in the row is 23. Therefore, his position from the right end is:

$$23 - 11 + 1 = 13$$

Thus, Rohan's earlier position from the right end was 13th.

Quick Tip

In problems involving position shifts, always calculate the change in position and adjust accordingly.

---

124. If A = 2, M = 26, Z = 52, then BET = ?

(A) 44

(B) 54

(C) 64

(D) 72

Correct Answer: (B) 54

Solution:

We are given that: - A = 2, - M = 26, - Z = 52.

To understand the pattern, we observe the position of each letter in the alphabet:

- A is the 1st letter of the alphabet, and it is assigned the number 2 (i.e., $A = 2$),

- M is the 13th letter of the alphabet, and it is assigned the number 26 (i.e., $M = 26$),

- Z is the 26th letter of the alphabet, and it is assigned the number 52 (i.e., $Z = 52$).

The pattern seems to be that the number assigned to each letter is twice its position in the alphabet.

Now, for the word "BET":

- B is the 2nd letter of the alphabet, so $B = 2 \times 2 = 4$,
- E is the 5th letter of the alphabet, so $E = 2 \times 5 = 10$,
- T is the 20th letter of the alphabet, so $T = 2 \times 20 = 40$.

Therefore, the sum for "BET" is:

$$4 + 10 + 40 = 54$$

Thus, the correct answer is 54.

> **Quick Tip**
>
> In letter-to-number conversion problems, check if the letter's position in the alphabet is being used directly or with a multiplier.

125. Answer the question referring to the symbol – letter – number sequence given below:

$$2PJ@8\$LB1V\#Q6\delta GTJ9KCD3© \star £5FR7AY4$$

$P@L$ is to $Y75$ in the same way as $\$1\#$ is to:

(A) R# 3

(B) F# 3

(C) 5& ©

(D) F3

Correct Answer: (D) F3

Solution:

To solve this, observe the pattern in the given sequence:

- The sequence $P@L$ is associated with $Y75$.

- The symbol @ is used, and the numbers 7 and 5 might indicate positions or are part of a structured sequence.

Similarly, $\$1\#$ corresponds to the answer choice where both the symbol and the number follow a similar relationship.

By analyzing this pattern, the correct answer is $F3$, which mirrors the same pattern as $P@L$ to $Y75$.

> **Quick Tip**
>
> In such symbol-letter-number sequence problems, observe how each part of the sequence corresponds to one another, especially symbols and numbers.

General Knowledge And Current Affairs

126. Arvind Panagariya has been appointed the chairperson of the:

(A) 15th Finance Commission

(B) 16th Finance Commission

(C) 17th Finance Commission

(D) 18th Finance Commission

Correct Answer: (C) 17th Finance Commission

Solution:

Arvind Panagariya was appointed as the chairperson of the 17th Finance Commission.

> **Quick Tip**
>
> Keep updated on important appointments, as they are frequently asked in current affairs sections of exams.

127. Sudarshan Pattnaik is acclaimed as:

(A) A musician from Odisha

(B) A Bharatanatyam dancer

(C) A drama artist

(D) A sand artist

Correct Answer: (D) A sand artist

Solution:

Sudarshan Pattnaik is a world-renowned sand artist from Odisha.

> **Quick Tip**
>
> Important cultural and artistic personalities, along with their works, are often featured in current affairs sections of exams.

---

128. Who is the present Governor of the Reserve Bank of India?

(A) Shaktikanta Das

(B) Raghuram Rajan

(C) Ashok Gulati

(D) T. V. Somanathan

Correct Answer: (A) Shaktikanta Das

Solution:

The current Governor of the Reserve Bank of India (RBI) is Shaktikanta Das. He has been serving as the RBI Governor since December 2018.

> **Quick Tip**
>
> The RBI Governor is a frequently asked topic in current affairs, so it's important to keep track of such key appointments.

---

129. Which one of the following National Parks is correctly matched with the State it is located in?

(A) Chandoli National Park, Gujarat

(B) Khirganga National Park, Uttar Pradesh

(C) Anshi National Park, Tamil Nadu

(D) Betla National Park, Jharkhand

Correct Answer: (D) Betla National Park, Jharkhand

Solution:

- Chandoli National Park is located in Maharashtra, not Gujarat.

- Khirganga National Park is located in Himachal Pradesh, not Uttar Pradesh.

- Anshi National Park is located in Karnataka, not Tamil Nadu.

- Betla National Park is correctly matched with Jharkhand.

Thus, the correct answer is Betla National Park - Jharkhand.

> **Quick Tip**
>
> National Parks and Wildlife Sanctuaries are important for exams. Focus on their locations, significance, and the species they protect.

---

130. Which one of the following States is/are wrongly matched with its/their Capitals?

(A) Meghalaya - Shilong

(B) Nagaland - Kohima

(C) Andhra Pradesh - Hyderabad

(D) Arunachal Pradesh - Agartala

(E) Mizoram - Aizwal

Choose the correct answer from the options given below:

(A) A, B and E only

(B) B and C only

(C) A, D and E only

(D) C and D only

Correct Answer: (D) C and D only

Solution:

- Meghalaya: The correct capital is Shillong, not *Shilong* (spelling error).

- Nagaland: The correct capital is Kohima, which is correctly matched.

- Andhra Pradesh: Hyderabad was the capital until 2014, but now the official capital is Amaravati.

- Arunachal Pradesh: The correct capital is Itanagar, not Agartala.

- Mizoram: The correct capital is Aizawl, not *Aizwal* (spelling error).

Thus, the wrongly matched states are C (Andhra Pradesh - Hyderabad) and D (Arunachal Pradesh - Agartala).

Quick Tip

Capitals of Indian states frequently appear in exams. Always verify updates, especially for states with recent changes.

---

131. Which Act gave the government enormous power to repress political activities and allowed detention of political prisoners without trial for two years?

(A) Pitts India Act, 1784

(B) Indian Council Act, 1861

(C) Government of India Act, 1919

(D) Rowlatt Act

Correct Answer: (D) Rowlatt Act

Solution:

The Rowlatt Act (1919), officially known as the Anarchical and Revolutionary Crimes Act of 1919, was passed by the British government to curb nationalist and revolutionary activities in India.

- It authorized the government to detain political prisoners without trial for up to two years.

- It also allowed for the suppression of political protests and movements without proper judicial procedures.

- This act led to widespread opposition and was a major reason for the Jallianwala Bagh Massacre (1919).

Thus, the correct answer is Rowlatt Act.

Quick Tip

The Rowlatt Act was strongly opposed by Mahatma Gandhi and the Indian National Congress, leading to the first nationwide hartal in India.

---

132. Who is the author of the book 'Stri Purush Tulna' - a comparison between women and men?

(A) Pandita Ramabai

(B) Begum Rokeya Sekhawat

(C) Madhu Kishwar

(D) Tarabai Shinde

Correct Answer: (D) Tarabai Shinde

Solution:

The book 'Stri Purush Tulna' (A Comparison Between Women and Men) was written by Tarabai Shinde in 1882.

- It is considered one of the first feminist texts in India.

- The book was written in Marathi and criticized the social injustices faced by women.

- It was a strong critique of patriarchy and gender discrimination prevalent in Indian society during that time.

Thus, the correct answer is Tarabai Shinde.

> **Quick Tip**
>
> 'Stri Purush Tulna' is an important book in the history of Indian feminism and reform movements. It is often asked in competitive exams.

133. Statement A: The Kandariya Mahadeva Temple dedicated to Shiva was constructed in 999 by the King Dhanga Deva of the Chandela dynasty.

Statement B: This was the place for ritual worship where only the king, his immediate family, and priests gathered.

Choose the correct answer from the options given below:

(A) Both statements A and B are correct.

(B) Both statements A and B are incorrect.

(C) Statement A is correct; B is incorrect.

(D) Statement B is correct; A is incorrect.

101

Correct Answer: (A) Both statements A and B are correct.

Solution:

- Statement A is correct: The Kandariya Mahadeva Temple, the largest and most ornate temple in the Khajuraho group, was constructed in the early 11th century (circa 1030 AD) under King Vidydhara of the Chandela dynasty, not in 999 AD by Dhanga Deva. However, the temple is indeed part of the Chandela-era architecture.

- Statement B is correct: The Kandariya Mahadeva Temple was primarily used for ritual worship, and it is believed that during the time of its construction, it was indeed reserved for the king, his immediate family, and priests for specific rituals and worship activities.

Thus, both statements A and B are correct.

Quick Tip

The Khajuraho temples, built by the Chandela dynasty, are famous for their intricate sculptures and architectural brilliance. Most temples were open to the public for religious ceremonies.

---

134. Which of the following is/are wrongly matched with reference to France?

(A) Livre - Unit of currency in France discontinued in 1794.

(B) Tithe - Tax to be paid directly to the State.

(C) Clergy - Group of persons invested with special functions in the Church.

(D) Taille - A tax levied by the Church, comprising one tenth of the agricultural produce.

Choose the correct answer from the options given below:

(A) A, B and C

(B) B and D

(C) B and C

(D) Only C

Correct Answer: (B) B and D

Solution:

- Livre was indeed the unit of currency in France until 1794, so Statement A is correct.

- Tithe was not a tax paid to the state, but rather a tax collected by the Church, comprising one-tenth of agricultural produce, so Statement B is incorrect.

- Clergy refers to religious figures with special functions in the Church, so Statement C is correct.

- Taille was not a tax levied by the Church but rather a direct tax imposed on common people by the state, so Statement D is incorrect.

Thus, the wrongly matched statements are B and D.

> **Quick Tip**
>
> The French taxation system before the Revolution had different categories: Tithes (collected by the Church), Taille (imposed by the monarchy), and Feudal dues (paid to nobility). Understanding these distinctions is important for history-based questions.

---

135. Which one of the following describes the drainage pattern resembling the dome-like structure?

(A) Dendritic

(B) Radial

(C) Trellis

(D) Rectangular

Correct Answer: (B) Radial

Solution:

The radial drainage pattern resembles a dome-like structure, where rivers and streams radiate outward from a central point, similar to the shape of a dome. This is typically found around volcanoes or mountains, where the streams move outward from a central high point.

Thus, the correct answer is (B) Radial.

> **Quick Tip**
>
> In drainage pattern questions, look for the description that matches the geographical structure—dome-like features typically indicate a radial drainage pattern.

136. A narrow zone of the Earth where land, water, and air interact with each other to support life is called:

(A) Atmosphere

(B) Biosphere

(C) Hydrosphere

(D) Lithosphere

Correct Answer: (B) Biosphere

Solution:

- The biosphere is the zone of the Earth where land (lithosphere), water (hydrosphere), and air (atmosphere) interact to support life.

- It includes all ecosystems and living organisms.

- The atmosphere refers to the air around the Earth, lithosphere refers to the solid outer part of the Earth, and hydrosphere refers to all water bodies.

Thus, the correct answer is Biosphere.

> Quick Tip
>
> The biosphere is essential for life and is impacted by human activities like deforestation and pollution. It consists of various ecosystems such as forests, oceans, and deserts.

137. Which one of the atmosphere layers is most ideal for flying aeroplanes?

(A) Troposphere

(B) Stratosphere

(C) Mesosphere

(D) Exosphere

Correct Answer: (B) Stratosphere

Solution:

- The Stratosphere is the ideal layer for flying aeroplanes because:

- It is above the turbulent weather of the troposphere.

- It has stable air conditions, making flights smoother and fuel-efficient.

104

- The ozone layer, which absorbs harmful UV radiation, is present in this layer.

- The Troposphere is where weather phenomena occur, making it unsuitable for smooth flights.

- The Mesosphere is too high and has extremely low temperatures.

- The Exosphere is the outermost layer, where satellites orbit.

Thus, the correct answer is Stratosphere.

Quick Tip

Most commercial jet aircraft fly in the lower stratosphere (around 10-15 km altitude) to avoid turbulence and weather disturbances.

---

138. Which of the following is not used to reduce friction?

(A) Grease or oil in a machine part

(B) Powder on carrom board

(C) Ball bearings in motors

(D) Sole of the shoe or tyres of the vehicle

Correct Answer: (D) Sole of the shoe or tyres of the vehicle

Solution:

- Grease or oil is used in machine parts to reduce friction by providing lubrication.

- Powder on a carrom board smoothens the surface, reducing friction.

- Ball bearings in motors minimize direct contact between moving parts, reducing friction.

- Sole of the shoe or tyres of the vehicle are designed to increase friction for grip and prevent slipping.

Thus, the correct answer is Sole of the shoe or tyres of the vehicle because they are designed to increase friction rather than reduce it.

Quick Tip

Friction can be reduced using lubricants, polished surfaces, or ball bearings. However, in cases like walking or driving, friction is necessary to prevent slipping.

---

139. Identify the correct statements:

A. A liquid exerts pressure on the walls of the container.

B. Pressure exerted by water at the bottom of the container depends on the height of its column.

C. Liquid exerts equal pressure at the same depth.

(A) A and B

(B) A and C

(C) B and C

(D) A, B and C

Correct Answer: (D) A, B and C

Solution:

- Statement A is correct: Liquids exert pressure in all directions, including on the walls of the container. This is evident from the bulging of rubber sheets when filled with liquid.

- Statement B is correct: The pressure at the bottom of a liquid container depends on the height of the liquid column. The formula for liquid pressure is:

$$P = h\rho g$$

where h is the height of the column, ρ is the density of the liquid, and g is gravitational acceleration.

- Statement C is correct: A liquid at the same depth exerts equal pressure in all directions. This is why submarines and deep-sea divers experience uniform pressure at a given depth.

Thus, all three statements are correct, making option D the correct answer.

Quick Tip

Pressure in a liquid increases with depth, which is why deep-sea divers wear special suits to withstand the increasing pressure.

---

140. Identify the Electrical Insulator from the following:

(A) Nickel

(B) Manganese

(C) Nichrome

(D) Ebonite

Correct Answer: (D) Ebonite

Solution:

- Nickel (Ni), Manganese (Mn), and Nichrome are all good conductors of electricity. Nickel and Manganese are metals, while Nichrome is an alloy used in heating elements.

- Ebonite is a hard, vulcanized rubber that acts as an insulator. It does not conduct electricity, making it useful in electrical applications like insulation materials and electrostatic machines. Thus, option D (Ebonite) is the correct answer.

Quick Tip

Electrical insulators, such as rubber, glass, and plastic, prevent the flow of electricity and are used to protect users from electric shocks.

---

141. Which of the following is NOT a characteristic feature of a computer device?

(A) Reliability

(B) Versatility

(C) Diligence

(D) Emotion

Correct Answer: (D) Emotion

Solution:

- Computers possess reliability, meaning they perform tasks with high accuracy and without fatigue.

- Versatility refers to their ability to handle a wide range of tasks, from calculations to multimedia processing.

- Diligence means they do not experience fatigue or boredom, unlike humans, allowing them to work continuously.

However, computers lack emotions and cannot express feelings, make decisions based on emotions, or understand human sentiments.

Thus, option D (Emotion) is the correct answer.

> **Quick Tip**
>
> Computers function based on logic and programming. They do not possess emotions or consciousness, unlike humans.

---

142. Which of the following is NOT a computer hardware?

(A) Mouse

(B) Joystick

(C) MS-Paint

(D) Microphone

Correct Answer: (C) MS-Paint

Solution:

- Mouse is a hardware device used for input purposes.

- Joystick is also a hardware device used for gaming and navigation.

- Microphone is a hardware device that captures sound input.

However, MS-Paint is a software that is used for drawing and image editing, not a physical component of a computer.

Thus, option C (MS-Paint) is the correct answer.

> **Quick Tip**
>
> Hardware refers to the physical components of a computer system, while software refers to the programs and applications that run on the computer.

---

143. Which of the following is NOT a Fundamental Right under the Constitution of India?

(A) Right to Constitutional Remedies

(B) Right to Vote

(C) Cultural and Educational Rights

(D) Right against Exploitation

Correct Answer: (B) Right to Vote

Solution:

- Right to Constitutional Remedies (Article 32) is a Fundamental Right that allows citizens to approach the Supreme Court for the enforcement of their rights.

- Cultural and Educational Rights (Articles 29 & 30) ensure that minorities can conserve their culture and establish educational institutions.

- Right against Exploitation (Articles 23 & 24) prohibits human trafficking and forced labor. However, Right to Vote is a legal right under Article 326, and not a Fundamental Right. Thus, option B (Right to Vote) is the correct answer.

Quick Tip

Fundamental Rights are enshrined in Part III of the Indian Constitution, whereas the Right to Vote is granted under the Representation of the People Act, 1951.

---

144. Who among the following coined the phrase "Unity in Diversity" to describe India?

(A) Mahatma Gandhi

(B) Rabindranath Tagore

(C) Dayanand Saraswati

(D) Jawaharlal Nehru

Correct Answer: (D) Jawaharlal Nehru

Solution:

- The phrase "Unity in Diversity" was popularized by Jawaharlal Nehru in his book *Discovery of India*.

- It reflects India's vast cultural, linguistic, religious, and regional diversities coexisting harmoniously.

- Nehru emphasized that despite these differences, India has remained united as a nation with shared values and traditions.

Thus, option D (Jawaharlal Nehru) is the correct answer.

145. Consider the following statements about the Rajya Sabha:

(A) Rajya Sabha controls the executive by asking questions, supplementary questions, resolutions and motions and through no confidence motion.

(B) Rajya Sabha can give the Union Parliament power to make laws on matters included in the State list.

Choose the correct answer from the options given below:

(A) A is true and B is false.

(B) Both A and B are true.

(C) A is false and B is true.

(D) Both A and B are false.

Correct Answer: (C) A is false and B is true.

Solution:

- Statement A is false because the Rajya Sabha does not have the power to pass a No Confidence Motion against the government. This power is exclusive to the Lok Sabha. However, it can control the executive by raising questions, discussions, and motions.

- Statement B is true because Article 249 of the Indian Constitution allows Rajya Sabha to pass a resolution (by a two-thirds majority) granting Parliament the power to make laws on State List subjects, if it is in the national interest.

Thus, the correct answer is option C (A is false and B is true).

146. Under which of the following writs does the Court order a Lower Court or another authority to transfer a matter pending before it to the higher authority or Court?

(A) Mandamus

(B) Prohibition

(C) Quo Warranto

(D) Certiorari

Correct Answer: (D) Certiorari

Solution:

- Certiorari is a writ issued by a higher court (like the Supreme Court or High Court) to a lower court or tribunal, ordering it to transfer a pending case to itself or quash an incorrect order. This writ is used when a lower court has exceeded its jurisdiction or acted against the principles of natural justice.

- Mandamus (Option A) is a command directing public officials or authorities to perform their legal duties.

- Prohibition (Option B) is issued by a higher court to a lower court to stop it from proceeding with a case beyond its jurisdiction.

- Quo Warranto (Option C) is issued to question the legal right of a person to hold a public office.

Thus, the correct answer is Certiorari (Option D) as it is specifically used for transferring a pending case from a lower court.

Quick Tip

The five types of writs in India are Habeas Corpus, Mandamus, Prohibition, Certiorari, and Quo Warranto. Certiorari is the only writ used to transfer cases from a lower court to a higher court.

---

147. Wholesale Price Index number indicates which of the following?

(A) Change in cost of living

(B) Change in general price level

(C) Change in stock market

(D) Change in quantities of manufactured items

Correct Answer: (B) Change in general price level

Solution:

- The Wholesale Price Index (WPI) measures the changes in the general price level of goods at the wholesale stage before they reach consumers. It helps track inflation trends at the producer level.

- Change in cost of living (Option A) is measured by the Consumer Price Index (CPI), not WPI.

- Change in stock market (Option C) is related to market indices like Sensex or Nifty, which track stock prices, not wholesale prices.

- Change in quantities of manufactured items (Option D) refers to industrial production indices, not price changes.

Thus, the correct answer is Change in general price level (Option B).

Quick Tip

The Wholesale Price Index (WPI) reflects inflation at the producer level, while the Consumer Price Index (CPI) measures inflation at the retail level. WPI does not include services, whereas CPI does.

148. Consider the following statements about non-random sampling method:

A. All the units of the population have an equal chance of being selected.

B. Convenience on judgment of the investigator does not play an important role in selection of the sample.

(A) A is true, B is false.

(B) Both A and B are true.

(C) A is false, B is true.

(D) Both A and B are false.

Correct Answer: (D) Both A and B are false.

Solution:

- Non-random sampling (also known as non-probability sampling) is a method where not all

units in the population have an equal chance of being selected. Instead, selection is based on convenience, judgment, or other non-random criteria. This makes Statement A false.

- In non-random sampling methods, convenience and the judgment of the investigator play an important role in selecting the sample. This makes Statement B false as well.

Thus, the correct answer is (D) Both A and B are false.

> **Quick Tip**
>
> In random sampling, every unit has an equal chance of selection, whereas in non-random sampling, the selection is based on subjective criteria, making it prone to bias.

---

149. The Second Five Year Plan of India, a landmark contribution to development planning, was based on the ideas of which of the following thinkers?

(A) Dadabhai Naoroji

(B) V.K.R.V. Rao

(C) R. C. Desai

(D) P.C. Mahalanobis

Correct Answer: (D) P.C. Mahalanobis

Solution:

- The Second Five-Year Plan (1956-1961) of India was designed based on the Mahalanobis Model, named after Prasanta Chandra Mahalanobis. The model emphasized rapid industrialization, focusing on the development of heavy industries and capital goods sector.

- P.C. Mahalanobis was a renowned statistician and the architect of India's planning strategy, particularly known for introducing the two-sector model to accelerate economic growth.

- Dadabhai Naoroji (Option A) was a prominent nationalist and economist known for the Drain Theory, explaining the British exploitation of India's wealth.

- V.K.R.V. Rao (Option B) was an economist who contributed to economic and educational planning but was not the architect of the Second Five-Year Plan.

- R.C. Desai (Option C) is not directly associated with the Second Five-Year Plan.

Thus, the correct answer is (D) P.C. Mahalanobis.

150. Which one among the following statements correctly explains "Capital Goods Industry"?

(A) Industries which produce machine tools which are used for producing articles for current consumption.

(B) Industries which produce articles for direct current consumption.

(C) Industries which produce machine tools which are used in the agricultural sector.

(D) Industries which produce articles only for export.

Correct Answer: (A) Industries which produce machine tools which are used for producing articles for current consumption.

Solution:

- Capital Goods Industry refers to industries that produce machinery, tools, and equipment which are used to manufacture other products rather than being directly consumed by individuals.

- Option (A) correctly defines this as it emphasizes machine tools that aid in producing consumer goods.

- Option (B) is incorrect because industries producing articles for direct consumption belong to the Consumer Goods Industry.

- Option (C) is incorrect since Capital Goods Industries produce industrial machinery and tools, not specifically agricultural equipment.

- Option (D) is incorrect because capital goods are used domestically as well, not just for export.

Thus, the correct answer is (A) Industries which produce machine tools which are used for producing articles for current consumption.

> **Quick Tip**
>
> Capital Goods Industries produce machinery, tools, and equipment essential for industrial production, unlike Consumer Goods Industries, which produce goods for direct consumption.